# Using This Guide

#### WHO THIS GUIDE IS FOR:

This guide was developed by Dunn-Edwards for architects and designers who are developing projects with a green focus. Buildings that are designed to be eco-efficient and sustainable are not merely a trend—they are an important element of our future, and the focus on green building appears to be increasing.

Much of the terminology is often used interchangeably, but there are unique differences in the programs and rating systems. This guide will help both the novice and the expert understand these programs, and how Dunn-Edwards products can be used in the various specifications.

#### FOR EASY USE, HERE'S HOW WE'VE ORGANIZED THE SECTIONS:

- ► Tab 1 Environmental Responsibility: This section explains our commitment to environmental responsibility as part of our history, corporate philosophy, and moving into the future. Manufacturing Ethylene Glycol-Free (EG-Free) products supports this major initiative.
- ► Tab 2 Green Seal and LEED<sup>™</sup> Products: This section will help design professionals interested in the LEED<sup>™</sup> program. Included are the GS-11 Standard and lists of Dunn-Edwards interior and exterior products that qualify.
- Tab 3 LEED™ California Supplement/CHPS: This section provides information about how the LEED™ program works in California as part of the CHPS initiative. Learn about Section 01 35 00, read the actual specification language, and know which Dunn-Edwards products were lab tested to qualify for this program.
- ► Tab 4 Low-Odor and Low- or Zero-VOC Products: This section includes a list of Interior Low-Odor and Low- or Zero-VOC products manufactured or distributed by Dunn-Edwards.
- ▶ **Tab 5 Recycled Products:** This section includes Recover, a line of recycled paints distributed by Dunn-Edwards.
- Tab 6 Product Information Sheets: This section contains product information sheets for the products included in this guide.

Be sure to call on your Dunn-Edwards Architectural Representative with any painting questions or needs, no matter what size your projects may be.

Information in this manual is accurate at the time of printing. To obtain the most current product recommendations and information, visit our website at **dunnedwards.com** or consult your Dunn-Edwards Representative.

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Page numbers shown on the Product Listings and Finish Schedules refer to their corresponding position in the Product Information Sheets behind Tab 6.

# A PROFILE IN ENVIRONMENTAL RESPONSIBILITY

Dunn-Edwards Corporation enjoys a reputation in the paint industry as a manufacturer of superior architectural coatings. We use the highest quality raw materials, product formulations, and manufacturing processes to achieve and maintain this status. We believe, however, that our pursuit of excellence must include preservation of environmental quality and protection of human health and safety.

Dunn-Edwards Corporation has always maintained a commitment to full compliance with all health and safety laws and environmental regulations. Beyond strict compliance with legal mandates, we have voluntarily initiated responsible policies to safeguard the health and safety of our workers and customers, and the quality of our shared environment.

For example, Dunn-Edwards invests heavily in research and development efforts aimed at producing the highest quality paint and coatings possible under regulatory restrictions and our own moral commitment. Our efforts focus on minimizing or eliminating the use of potentially hazardous ingredients. Following are some accomplishments of these efforts:

- During the early 1950s, after having already phased out most uses of white lead pigment, Dunn-Edwards discontinued from our product line the last remaining lead-based paint (an exterior wood primer). The Federal Consumer Products Safety Commission did not ban residential use of lead-containing paints until 1978.
- Near the end of the 1970s, Dunn-Edwards reformulated products to eliminate completely the use of biocides containing mercury. U.S. EPA did not impose a limited ban on mercury biocides until 1990. At that time, Dunn-Edwards was one of only two paint manufacturers approved as a supplier of mercury-free coatings to county agencies in California.
- In the mid-1980s, Dunn-Edwards replaced ethylene glycol (a toxic solvent widely used in latex paints) with propylene glycol, which performs just as well. Unlike ethylene glycol, however, propylene glycol is non-toxic and, in fact, is FDA-approved for use in foods, beverages, cosmetics, toiletries, and medicines.
- All products currently manufactured by Dunn-Edwards contain no asbestos or chromates, nor any known carcinogen or reproductive toxicant as an intended ingredient.

In our factory operations, Dunn-Edwards engages in a comprehensive recycling program that is mandated by management and supported by employees. Our recycling policy evolved out of a realization that discarding waste is not only uneconomical, but also potentially unhealthy and unaesthetic. We currently **recycle over 95 percent of our process wastestream**. This has been accomplished through the following process modifications:

- Manufacturing procedures are continually evaluated for opportunities to reduce or eliminate generation of process waste. For example: Our recent installation of a custom "slurry system" using aqueous pigment suspensions to replace most dry powdered pigments has significantly reduced fugitive dust emissions from our factory.
- Reusable bulk containers have replaced, as much as possible, disposable sacks of powdered pigments. This reduces packaging waste, improves efficiency and minimizes loss of powdered pigments.
- Residual pigment dust collected in the factory air filtration system is kept clean and reused in place of virgin material.
- Similar products are scheduled for sequential production, to reduce generation of wastewater from rinsing of tanks and process equipment.
- Both process water and rinse solvents are segregated according to color, for reuse in manufacturing subsequent products.
- All tanks and vats are kept tightly closed, or their contents covered with a layer of compatible liquid, to prevent the formation of paint "skins."
- Use of on-site raw material storage tanks and returnable semi-bulk containers has dramatically reduced the number of metal and fiber drums to be sent from our factory for disposal or reconditioning.

In addition to these procedures, we also crush empty metal containers and send them to a smelter for use in new steel products. We separate computer paper, cardboard boxes and pigment bags for recycling off-site—we even repair and reuse old wooden pallets to minimize trash. We have set the goal of becoming a "zero-discharge" facility.

Dunn-Edwards Corporation has also assumed environmental responsibility in areas beyond the formulation and production of quality coatings, such as the following:

- Dunn-Edwards was the first paint manufacturer to publish a comprehensive catalogue of Material Safety Data Sheets, indexed by both product code and product name, to provide an easy-to-use, single source of health and safety information on our entire product line.
- Dunn-Edwards voluntarily removed all underground storage tanks from our store locations, thereby eliminating the possibility of soil or groundwater contamination due to potential leakage of petroleum distillates (paint thinner).
- In the greater Los Angeles metropolitan area, Dunn-Edwards has initiated, and maintained for several years, a program of "off-hours" distribution to our local stores. This helps to relieve traffic congestion on Southern California freeways, and reduces vehicular air pollution.
- Dunn-Edwards is one of only two paint companies at present (2005) to qualify products under the rigorous Section 01 35 00 Emissions Testing procedures of the State of California's "Collaborative for High Performance Schools" project.
- As part of a cooperative venture with a small paint recycling company, Dunn-Edwards has formulated and distributes a line of recycled latex paint products under the brand name "Recover." This provides a good quality, low-cost latex paint while conserving material and energy resources.
- Working cooperatively with the South Coast Air Quality Management District and the California Air Resources Board, Dunn-Edwards has promoted the development of innovative approaches to regulating architectural coatings, including an Averaging Compliance Option. This approach allows manufacturers greater flexibility in meeting VOC content limits while keeping high performance specialty coatings available to users.
- Dunn-Edwards is currently sponsoring scientific research on VOC issues as part of NARSTO, an international program to study the formation and control of ground-level ozone, a component of urban smog. We also strongly support efforts to provide sound scientific analysis of regulations affecting the formulation or use of paint and coatings, with the object of achieving maximum environmental benefit at minimum cost to society.

For more information, contact the Environmental Affairs Department of Dunn-Edwards Corporation at 1-800-537-4098, Extension 2663.

# VOCS AND ECO-EFFICIENCY

Eco-efficiency, n., the ability to satisfy human needs in ways that minimize adverse impacts on energy and material resources, environmental quality, and human health and safety.

#### **Eco-Efficiency is More Than Just Low VOC Content**

Architectural coatings have long been regulated to limit their Volatile Organic Compound ("VOC") solvent content, with the intention of improving air quality. VOCs, in the presence of nitrogen oxides from combustion, may promote the formation of ozone, a key component of urban smog. VOC content has become the primary indicator of environmental acceptability for coatings – but this approach has serious limitations.

Current regulations limit the VOC content of coatings without regard to "reactivity," which is the ability to promote ozone formation. Different VOCs have different degrees of reactivity – some VOCs may be up to 100 times more reactive than others. Taking VOC reactivity into account, along with performance factors such as coverage and durability, is necessary to better quantify the eco-efficiency of coatings.

Full assessment of eco-efficiency requires "life-cycle analysis" to identify potential impacts on a broad range of environmental criteria. These would include not only air quality but energy and material resource consumption, water quality, solid waste disposal, ecological quality, and human health and safety. Surprisingly to some, the most eco-efficient coatings are not necessarily the lowest in VOC content.

#### **Paint And Coatings Are Inherently Eco-Efficient Products**

Paint and coatings beautify, protect and preserve the surfaces to which they are applied, thereby conserving energy and material resources, and improving the visual quality of our environment.

- Exterior coatings resist the damaging effects of wind, rain and sunlight, preventing the deterioration of wood, metal and masonry substrates so that buildings last longer and require less maintenance.
- Exterior coatings contribute to energy efficiency and air quality improvement through raising the albedo (light reflectance) of surfaces, thus reducing the "urban heat island" effect.
- Interior coatings resist soiling, staining, wear and abrasion of contact surfaces, helping to keep residences and workplaces clean and sanitary, and improving the efficiency of lighting.

#### **Performance Is The Key To Eco-Efficiency Of Paint and Coatings**

The performance of paint is key to maximizing environmental benefits while minimizing total ecological burdens. Product life cycle analysis shows that high performance — especially in terms of coverage (amount of material required per application) and durability (length of service life before re-application) — prevents wasteful and inefficient use of energy and material resources from start to finish in the life cycle of coatings.

#### **Dunn-Edwards Corporation Aims At Improving Eco-Efficiency**

Dunn-Edwards Corporation invests heavily in research and development efforts aimed at producing the most eco-efficient paint and coatings possible. We do this by pursuing every opportunity for cost-effective performance improvements. At the same time, we seek to avoid the use of potentially toxic ingredients and to reduce VOC content to the lowest level that will achieve optimal coverage and durability.

# EG-FREE PAINT

**Ethylene Glycol (EG)** is a solvent used in many latex paints, and is **listed as a hazardous air pollutant and toxic air contaminant** under many federal and state regulations. A colorless, odorless liquid, EG and its vapors can be toxic to humans. Exposure may cause irritation to skin, eyes, nose, throat and lungs, and allergic reactions are possible. Overexposure to EG could lead to nausea, vomiting, drowsiness, and respiratory impairment. And repeated overexposure can permanently damage the liver and kidneys.

In 1983, Dunn-Edwards Corporation was one of the **first in the paint industry to voluntarily replace EG with Propylene Glycol**, a safer, more environmentally-friendly ingredient in the water-based paints we manufacture. Propylene Glycol is non-toxic and is even FDA-approved for use in foods, beverages, medicines, cosmetics, and toiletries. Studies have shown that paint containing Propylene Glycol has the same performance and durability as paint containing EG.

Because our paint is applied to protect and beautify hotels, homes, apartments, offices, schools, and hospitals, Dunn-Edwards reaffirms its long-standing commitment to EG-Free paint products that help protect the well-being of our contractors, their customers, and the environment.



Look for this symbol exclusively on Dunn-Edwards water-based products.

All the water-based paints we manufacture are EG-Free.

# EG-FREE PRODUCTS



<b>Exterior Primers/Sealers/Undercoaters</b>		PAGE
E-Z Prime® (W 708)	Exterior Acrylic Wood Primer	S14
Enduraseal® (W 360)	Acrylic Masonry Sealer	$\Diamond$
<b>Interior Primers/Sealers/Undercoaters</b>		
Ecoshield™ Primer (W 600)	Low-Odor/Zero-VOC Interior Latex Primer	S6
Proseal® (W 102)	Interior Pigmented Sealer	S20
Unikote (W 707)	Interior Acrylic Enamel Undercoater	$\Diamond$
Vinylastic® (W 101)	Interior Pigmented Sealer	S31
(W 2400)	Interior Latex Enamel Undercoater	S33
<b>Interior/Exterior Primers/Sealers/Unde</b>	rcoaters	
Acri-Loc® (W 6232)	Acrylic Masonry Primer/Sealer	S4
Blocfil Medium (W 304)	Concrete Block Filler Medium	$\Diamond$
Blocfil Smooth (W 305)	Concrete Block Filler Smooth	$\Diamond$
Eff-Stop® (W 709)	Acrylic Masonry Primer/Sealer	S10
Flex-Prime® (W 6315)	Flexible Crack Resistant Primer	$\Diamond$
Tilt-Prime™ (W 6300)	Interior/Exterior Acrylic Tilt-Up Primer	$\Diamond$
Ultra-Grip® (W 715)	Acrylic Multi-Purpose Primer	S30
(W 315)	Concrete Block Filler Smooth	$\Diamond$
<b>Exterior Finishes</b>		
Acri-Flat® (W 704)	Exterior Acrylic Wood Stain & Masonry Flat Paint	S3
Dura-Tilt™ (W 6310)	Exterior Tilt-Up Flat Paint	$\Diamond$
Endura-Coat® (W 203)	Exterior Flat Paint	$\Diamond$
Enduracryl® (W 705)	Exterior Acrylic Low Sheen Paint	S11
Endurawall® (W 370)	Elastomeric Wall Coating Smooth	$\Diamond$
Evershield® (W 701)	Exterior Acrylic Wood & Masonry Flat Paint	S13
Flex-Tex® Fine (W 320)	Texture Coating Fine	$\Diamond$
Flex-Tex® Medium (W 322)	Texture Coating Medium	$\Diamond$
Flex-Tex® Coarse (W 323)	Texture Coating Coarse	$\Diamond$
Stay Kool (W 2456)	Roof Coating	$\Diamond$
Tilt-Kote™ (W 6305)	Exterior Acrylic Tilt-Up Flat Paint	$\Diamond$
Vin-L-Stripe (W 801)	Traffic Marking Paint	<b>♦</b>
Interior Finishes		
Acoustikote® (W 615)	Latex Flat Ceiling Paint	S2
Aquafall® Low Sheen (W 6078)	Latex Dry Fall Low Sheen	$\Diamond$
Aquafall® Flat (W 6079)	Latex Dry Fall Flat	$\Diamond$

		1.
Aquafall® Eggshell (W 6270)	Latex Dry Fall Eggshell	<b>\Q</b>
Decoglo® (W 450V)	Interior Acrylic Semi-Gloss Paint	S5
Decosheen® (W 440V)	Interior Acrylic Eggshell Paint	$\Diamond$
Decovel® (W 401)	Interior Latex Flat Paint	$\Diamond$
Ecoshield™ Flat (W 601)	Low-Odor/Zero-VOC Interior Latex Flat Paint	S7
Ecoshield™ Low Sheen (W 602)	Low-Odor/Zero-VOC Interior Latex Low Sheen Paint	S8
Ecoshield™ Semi-Gloss (W 603)	Low-Odor/Zero-VOC Interior Acrylic Semi-Gloss Paint	S9
Max-Wall™ (W 6404)	Interior Latex Washable Flat Paint	$\Diamond$
Max-Wall™ Ready-To-Use (W 6405)	Ready-To-Use Interior Latex Washable Flat Paint	$\Diamond$
Quik-Wall® (W 6401)	Interior Flat Paint	$\Diamond$
Suprema® (W 411)	Interior Low Sheen Wall Paint	S29
Walltone® (W 420)	Interior Latex Flat Paint	S32
Interior/Exterior Finishes		
Permagloss® (W 960)	Interior/Exterior Acrylic Gloss Paint	$\Diamond$
Permasheen® (W 901)	Interior/Exterior Acrylic Semi-Gloss Paint	$\Diamond$
Permasheen® (W 901) Permashell® (W 940)	Interior/Exterior Acrylic Semi-Gloss Paint Interior/Exterior Acrylic Eggshell Paint	<b>♦</b>   <b>♦</b>
	<u> </u>	
Permashell® (W 940)	Interior/Exterior Acrylic Eggshell Paint	<b>♦</b>
Permashell® (W 940) Spartaglo® (W 7500)	Interior/Exterior Acrylic Eggshell Paint Interior/Exterior Acrylic Semi-Gloss Paint	
Permashell® (W 940)  Spartaglo® (W 7500)  Spartagloss® (W 7600)	Interior/Exterior Acrylic Eggshell Paint Interior/Exterior Acrylic Semi-Gloss Paint Interior/Exterior Acrylic Gloss Paint	\$25 \$26
Permashell® (W 940)  Spartaglo® (W 7500)  Spartagloss® (W 7600)  Spartasheen® (W 7300)	Interior/Exterior Acrylic Eggshell Paint Interior/Exterior Acrylic Semi-Gloss Paint Interior/Exterior Acrylic Gloss Paint Interior/Exterior Acrylic Low Sheen Paint	\$25 \$26 \$27
Permashell® (W 940)  Spartaglo® (W 7500)  Spartagloss® (W 7600)  Spartasheen® (W 7300)  Spartashell® (W 7400)	Interior/Exterior Acrylic Eggshell Paint Interior/Exterior Acrylic Semi-Gloss Paint Interior/Exterior Acrylic Gloss Paint Interior/Exterior Acrylic Low Sheen Paint Interior/Exterior Acrylic Eggshell Paint	\$25 \$26 \$27 \$28
Permashell® (W 940)  Spartaglo® (W 7500)  Spartagloss® (W 7600)  Spartasheen® (W 7300)  Spartashell® (W 7400)  Tuff-Floor (W 810)	Interior/Exterior Acrylic Eggshell Paint Interior/Exterior Acrylic Semi-Gloss Paint Interior/Exterior Acrylic Gloss Paint Interior/Exterior Acrylic Low Sheen Paint Interior/Exterior Acrylic Eggshell Paint Porch & Deck Paint	<ul><li>♦</li><li>\$25</li><li>\$26</li><li>\$27</li><li>\$28</li><li>♦</li></ul>
Permashell® (W 940)  Spartaglo® (W 7500)  Spartagloss® (W 7600)  Spartasheen® (W 7300)  Spartashell® (W 7400)  Tuff-Floor (W 810)  Versaflat™ (W 6240)	Interior/Exterior Acrylic Eggshell Paint Interior/Exterior Acrylic Semi-Gloss Paint Interior/Exterior Acrylic Gloss Paint Interior/Exterior Acrylic Low Sheen Paint Interior/Exterior Acrylic Eggshell Paint Porch & Deck Paint Interior/Exterior Latex Flat Paint	\$25 \$26 \$27 \$28 \$
Permashell® (W 940)  Spartaglo® (W 7500)  Spartagloss® (W 7600)  Spartasheen® (W 7300)  Spartashell® (W 7400)  Tuff-Floor (W 810)  Versaflat™ (W 6240)  Versaglo® (W 6160)	Interior/Exterior Acrylic Eggshell Paint Interior/Exterior Acrylic Semi-Gloss Paint Interior/Exterior Acrylic Gloss Paint Interior/Exterior Acrylic Low Sheen Paint Interior/Exterior Acrylic Eggshell Paint Porch & Deck Paint Interior/Exterior Latex Flat Paint Interior/Exterior Latex Semi-Gloss Paint	\$25 \$26 \$27 \$28 \$\$
Permashell® (W 940)  Spartaglo® (W 7500)  Spartagloss® (W 7600)  Spartasheen® (W 7300)  Spartashell® (W 7400)  Tuff-Floor (W 810)  Versaflat™ (W 6240)  Versaglo® (W 6160)  Versagloss® (W 6220)	Interior/Exterior Acrylic Eggshell Paint Interior/Exterior Acrylic Semi-Gloss Paint Interior/Exterior Acrylic Gloss Paint Interior/Exterior Acrylic Low Sheen Paint Interior/Exterior Acrylic Eggshell Paint Porch & Deck Paint Interior/Exterior Latex Flat Paint Interior/Exterior Latex Semi-Gloss Paint Interior/Exterior Latex Gloss Paint	\$25 \$26 \$27 \$28 \$

 $<sup>\</sup>Diamond$  Not specified in this guide. Consult your Dunn-Edwards Architectural Representative for appropriate product recommendations.

# LEED PROGRAM

#### WHAT IS LEED™?

LEED (Leadership in Energy and Environmental Design) is a green building rating system created by individuals representing all segments of the building industry who are members of the United States Green Building Council. It is a voluntary, consensus-based national standard for developing high-performance, sustainable buildings and seeks to establish common standards of measurement, recognize environmental leadership in the building industry and raise consumer awareness of green building benefits. The program awards points to various aspects of a design project, including paint. With enough points, a project can be LEED Certified. For more information, go to www.usgbc.org/leed.

#### **HOW IS THIS DONE?**

In the LEED rating system, there are several ways you can earn points. The most applicable one regarding paint is the category titled, **Indoor Environmental Quality**. Credit 4.2 *Low-Emitting Materials: Paints, and Coatings* states, "VOC emissions from paints and coatings must not exceed the VOC and chemical component limits of Green Seal's Standard GS-11 requirements."

Points may also be earned in the **Materials and Resources** category. See Credit 4.1 *Recycled Content* and Credit 5.1 *Regional Materials*.

#### WHAT IS GS-11?

GS-11 refers to Section 11 of the Green Seal program. This Standard establishes environmental requirements for interior and exterior topcoats. The standard does not include stains, clear finishes, or paints sold in aerosol cans. There is no formal test process; however, if a product meets the appropriate requirements, it qualifies as compliant for the LEED program.

Note the distinction that an individual product cannot be LEED certified. A product that qualifies as meeting the requirements of GS-11 earns points towards the entire project being LEED certified.

Dunn-Edwards has many products that are LEED Compliant, and they are listed later in this section, along with the finish schedule showing the proper surface application of each.

# GS-11 STANDARDS

### Paints (GS-11)

First Edition May 20, 1993 Copyright © 1993 Green Seal, Inc.

#### 1. Scope

This Standard establishes environmental requirements for paints. The standard does not include stains, clear finishes, or paints sold in aerosol cans.

#### 2. Definitions.

For the purpose of this Standard, the following definitions apply.

- **2.1 Paints:** Liquid, liquefiable or mastic composition that is converted to a solid protective, decorative, or functional adherent film after application as a thin layer. These coatings are intended for on-site application to interior or exterior surfaces of residential, commercial, institutional, or industrial buildings<sup>1</sup>.
- **2.2 Volatile Organic Compounds (VOCs):** Compounds as defined by U. S. Environmental Protection Agency (EPA) in 40 CFR § 51.100 (s), (s) (1).
- **2.3 Aromatic Compounds:** Hydrocarbon compounds containing one or more 6-carbon benzene rings in the molecular structure.
- 3. Product-Specific Performance Requirements.
  - **3.1 Interior Topcoats.** Products intended for interior opaque topcoat use shall meet the following requirements.
    - **3.1.1 Scrubbability (Abrasion Resistance).** The product shall demonstrate at least 100 cycles (200 separate strokes) before failure, as determined by American Society for Testing and Materials (ASTM) D2486-89, *Standard Test Method for Scrub Resistance of Interior Latex Flat Wall Paints*.
    - **3.1.2 Hiding Power (Opacity).** The product shall demonstrate a minimum 0.95 contrast ratio at 400 square feet per gallon as determined by ASTM D2805-88, *Standard Test Method for Hiding Power of Paints by Reflectometry.* Compliance will be determined by testing a white paint having a minimum 80% reflectance.
    - **3.1.3 Washability (Stain Removal).** The product shall demonstrate the following minimum requirements for stain removal as determined by ASTM 4828-91 Mechanical Method, *Standard Test Method for Practical Washability of Organic Coatings*.

Flat <sup>2</sup>	5 minimum rating
Non-Flat	7 minimum rating

**3.2 Exterior Topcoats.** Products intended for exterior opaque topcoat use shall meet the following requirements.

- **3.2.1 Hiding Power (Opacity).** The product shall demonstrate a minimum 0.95 contrast ratio at 400 square feet per gallon as determined by ASTM D2805-88, *Standard Test Method for Hiding Power of Paints by Reflectometry*. Compliance will be determined by testing a white paint having a minimum 80% reflectance.
- 4. Product-Specific Environmental Requirements.
  - 4.1 Chemical Component Limitations.
    - **VOCs.** The VOC concentrations of the product shall not exceed those listed below as determined by U. S. Environmental Protection Agency (EPA) Reference Test Method 24 (Determination of Volatile Matter Content, Water Content, Density Volume Solids, and Weight Solids of Surface Coatings), Code of Federal Regulations Title 40, Part 60, Appendix A.

The calculation of VOC shall exclude water and tinting color added at the point of sale.

#### **Interior Coatings:**

Coating Type	VOC weight in grams/liter of product minus water
Non-Flat <sup>3</sup>	150
Flat	50

#### **Exterior Coatings:**

Coating Type	VOC weight in grams/liter of product minus water
Non-Flat <sup>4</sup>	200
Flat	100

- **4.1.2 Aromatic Compounds.** The product must contain no more than 1.0% by weight of the sum total of aromatic compounds. Testing for the concentration of these compounds will be performed if they are determined to be present in the product during a materials audit.
- **4.2 Chemical Component Restrictions.** The manufacturer shall demonstrate that the following chemical compounds are not used as ingredients in the manufacture of the product.
  - 4.2.1 Halomethanes

methylene chloride

4.2.2 Chlorinated ethanes

1,1,1-trichloroethane

4.2.3 Aromatic solvents

benzene

toluene (methylbenzene)

ethylbenzene

4.2.4 Chlorinated ethylenes

vinyl chloride

4.2.5 Polynuclear aromatics

naphthalene

4.2.6 Chlorobenzenes

1.2-dichlorobenzene

4.2.7 Phthalate esters

di (2-ethylhexyl) phthalate

butyl benzyl phthalate

di-n-butyl phthalate

di-n-octyl phthalate

diethyl phthalate

dimethyl phthalate

#### 4.2.8 Miscellaneous semi-volatile organics

isophorone

#### 4.2.9 Metals and their compounds

antimony

cadmium

hexavalent chromium

lead

mercurv

#### 4.2.10 Preservatives (antifouling agents)

formaldehyde

#### **4.2.11 Ketones**

methyl ethyl ketone methyl isobutyl ketone

#### 4.2.12 Miscellaneous volatile organics

acrolein acrylonitrile

#### 5. Packaging Requirements.

#### 5.1 Toxics in Packaging.

**5.1.1** The manufacturer shall demonstrate that paint cans and their components are not fabricated with lead.

#### **Appendix: Labeling Requirements for Certification by Green Seal**

Unless otherwise approved in writing by Green Seal, the following labeling requirements shall apply:

- 1. The Green Seal Certification Mark must appear on the packaging.
- 2. Whenever the certification mark appears on a package or product, the product or package must contain a description of the basis for the certification. The description shall be in a location, style, and typeface that are easily readable by the consumer. The description shall read as follows:

This product meets Green Seal environmental standards for volatile organic compounds (VOCs) and other ingredients.

- 3. The packaging shall be accompanied by a brief statement discouraging disposal into drains and encouraging consultation with local authorities for disposal requirements or recycling opportunities.
- 4. Paints which have been formulated without VOCs shall be designated Class A and may contain a special designation to that effect on the label.

#### Notes:

- 1. ASTM D16-91, *Standard Terminology Relating to Paint, Varnish, Lacquer, and Related Products*. Stains and clear finishes, which are included in the ASTM definition, are not covered by this standard.
- 2. If the manufacturer has not characterized the paint as to gloss, the specular gloss level at 60° will be determined. Flat paints are those which register less than 5 and non-flat paints are those which register a 5 or greater. The gloss reading will be determined by ASTM D523-89, *Standard Test Method for Specular Gloss*.
- 3. See note #2.
- 4. See note #2.

# GREEN SEAL & LEED COMPLIANT PRODUCTS

## **INTERIOR COATINGS**





\*All products are EG-Free, except where noted

Primers		PAGE
Acri-Loc® (W 6232)	Acrylic Masonry Primer/Sealer (115 g/L)	S4
Ecoshield™ Primer (W 600)	Low-Odor/Zero-VOC Interior Latex Primer	S6
Eff-Stop® (W 709)	Acrylic Masonry Primer/Sealer (125 g/L)	S10
Genesis Coatings – GCR 47**	Waterborne Acrylic Primer (78 g/L)	S15
Monopole – Monochem 1**	Zero-VOC Waterborne Epoxy Primer/Sealer	S17
•	' '	S20
Proseal® (W 102)	Interior Pigmented Sealer (55g/L)	
Sierra Performance Griptec S30**	Zero-VOC Multi-Surface Primer	S21-24
Ultra-Grip® (W 715)	Acrylic Multi-Purpose Primer (45 g/L)	S30
Vinylastic® (W 101)	Interior Pigmented Sealer (60 g/L)	S31
(W 2400)	Latex Enamel Undercoater (80 g/L)	S33
<b>Flats</b> (GS-11 Standard for Interior Flats: 50 g/L)		
Acoustikote® (W 615)	Latex Flat Ceiling Paint (0 g/L)	S2
Aquafall® Flat (W 6079)	Latex Dry Fall Flat (30 g/L)	$\Diamond$
Ecoshield™ Flat (W 601)	Low-Odor/Zero-VOC Interior Latex Flat Paint	S7
Walltone® (W 420)	Interior Latex Flat Paint (35 g/L)	S32
Non-Flats (GS-11 Standard for Interior Non-Flat	s: 150 g/L)	
Aquafall® (W 6078)	Latex Dry Fall Low Sheen (50 g/L)	$\Diamond$
Aquafall® (W 6270)	Latex Dry Fall Eggshell (50 g/L)	<b>\Q</b>
Decoglo® (W 450V)	Interior Acrylic Semi-Gloss Paint (150 g/L)	S5
Decosheen® (W 440V)	Interior Acrylic Eggshell Paint (150 g/L)	$\Diamond$
Ecoshield™ Low Sheen (W 602)	Low-Odor/Zero-VOC Interior Latex Low Sheen Paint	S8
Ecoshield™ Semi-Gloss (W 603)	Low-Odor/Zero-VOC Interior Acrylic Semi-Gloss Paint	S9
Genesis Coatings – GCP 1000**	Zero-VOC Gloss Polyurethane	S16
Monopole – Monochem 200**	Zero-VOC Waterborne Semi-Gloss Epoxy	S18-19
Monopole – Monochem 200**	Zero-VOC Waterborne Gloss Epoxy	S18-19

(continued)

♦ Not specified in this quide. Consult your Dunn-Edwards Architectural Representative for appropriate product recommendations.

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Spartaglo® (W 7500)	Interior/Exterior Acrylic Semi-Gloss Paint (100 g/L)	S25
Spartagloss® (W 7600)	Interior/Exterior Acrylic Gloss Paint (85 g/L)	S26
Spartasheen® (W 7300)	Interior/Exterior Acrylic Low Sheen Paint (95 g/L)	S27
Spartashell® (W 7400)	Interior/Exterior Acrylic Eggshell Paint (90 g/L)	S28
Suprema® (W 411)	Interior Low Sheen Wall Paint (145 g/L)	S29
Versaglo® (W 6160)	Interior/Exterior Latex Semi-Gloss Paint (120 g/L)	$\Diamond$
Versagloss® (W 6220)	Interior/Exterior Latex Gloss Paint (125 g/L)	$\Diamond$
Versasatin® (W 6250)	Interior/Exterior Latex Low Sheen Paint (120 g/L)	$\Diamond$

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# GREEN SEAL & LEED™ SCHEDULE OF FINISHES

## INTERIOR COATINGS



### \*All products are EG-Free, except where noted

### **Low VOC Finishes**

Gypsum Board - Flat, Acrylic Copolymo	er	PAGE
1st Coat: Proseal® (W 102)	Interior Pigmented Sealer	S20
2nd Coat: Walltone® (W 420)	Interior Latex Flat Paint	S32
3rd Coat: Walltone® (W 420)	Interior Latex Flat Paint	S32
Gypsum Board - Low Sheen, Acrylic Copolymer		
1st Coat: Proseal® (W 102)	Interior Pigmented Sealer	S20
2nd Coat: Suprema® (W 411)	Interior Low Sheen Wall Paint	S29
3rd Coat: Suprema® (W 411)	Interior Low Sheen Wall Paint	S29
Gypsum Board - Low Sheen, Acrylic		
1st Coat: Proseal® (W 102)	Interior Pigmented Sealer	S20
2nd Coat: Spartasheen® (W 7300)	Interior/Exterior Acrylic Low Sheen Paint	S27
3rd Coat: Spartasheen® (W 7300)	Interior/Exterior Acrylic Low Sheen Paint	S27
Gypsum Board - Eggshell, Acrylic		
1st Coat: Vinylastic® (W 101)	Interior Pigmented Sealer	S31
2nd Coat: Spartashell® (W 7400)	Interior/Exterior Acrylic Eggshell Paint	S28
3rd Coat: Spartashell® (W 7400)	Interior/Exterior Acrylic Eggshell Paint	S28
Gypsum Board - Semi-Gloss, Acrylic		
1st Coat: Vinylastic® (W 101)	Interior Pigmented Sealer	S31
2nd Coat: Spartaglo® (W 7500)	Interior/Exterior Acrylic Semi-Gloss Paint	S25
3rd Coat: Spartaglo® (W 7500)	Interior/Exterior Acrylic Semi-Gloss Paint	S25
Gypsum Board - Semi-Gloss, Epoxy		
1st Coat: Monopole – Monochem 1**	Zero-VOC Waterborne Epoxy Primer	S17
2nd Coat: Monopole – Monochem 200**	Zero-VOC Waterborne Semi-Gloss Epoxy	S18-19
3rd Coat: Monopole – Monochem 200**	Zero-VOC Waterborne Semi-Gloss Epoxy	S18-19
Gypsum Board - Gloss, Acrylic		
1st Coat: Proseal® (W 102)	Interior Pigmented Sealer	S20
2nd Coat: Spartagloss® (W 7600)	Interior/Exterior Acrylic Gloss Paint	S26
3rd Coat: Spartagloss® (W 7600)	Interior/Exterior Acrylic Gloss Paint	S26

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Gypsum Board - Gloss, Epoxy		
1st Coat: Monopole – Monochem 1**	Zero-VOC Waterborne Epoxy Primer	S17
2nd Coat: Monopole – Monochem 200**	Zero-VOC Waterborne Gloss Epoxy	S18-19
3rd Coat: Monopole – Monochem 200**	Zero-VOC Waterborne Gloss Epoxy	S18-19
Plaster, Concrete - Flat, Acrylic Cope	olymer	
1st Coat: Acri-Loc® (W 6232)	Acrylic Masonry Primer/Sealer	S4
2nd Coat: Walltone® (W 420)	Interior Latex Flat Paint	S32
3rd Coat: Walltone® (W 420)	Interior Latex Flat Paint	S32
Plaster, Concrete - Low Sheen, Acry	lic Copolymer	
1st Coat: Acri-Loc® (W 6232)	Acrylic Masonry Primer/Sealer	S4
2nd Coat: Suprema® (W 411)	Interior Low Sheen Wall Paint	S29
3rd Coat: Suprema® (W 411)	Interior Low Sheen Wall Paint	S29
Plaster, Concrete - Low Sheen, Acry	lic	
1st Coat: Acri-Loc® (W 6232)	Acrylic Masonry Primer/Sealer	S4
2nd Coat: Spartasheen® (W 7300)	Interior/Exterior Acrylic Low Sheen Paint	S27
3rd Coat: Spartasheen® (W 7300)	Interior/Exterior Acrylic Low Sheen Paint	S27
Plaster, Concrete - Eggshell, Acrylic		
1st Coat: Acri-Loc® (W 6232)	Acrylic Masonry Primer/Sealer	S4
2nd Coat: Spartashell® (W 7400)	Interior/Exterior Acrylic Eggshell Paint	S28
3rd Coat: Spartashell® (W 7400)	Interior/Exterior Acrylic Eggshell Paint	S28
Plaster, Concrete - Semi-Gloss, Acry	rlic	
1st Coat: Acri-Loc® (W 6232)	Acrylic Masonry Primer/Sealer	S4
2nd Coat: Spartaglo® (W 7500)	Interior/Exterior Acrylic Semi-Gloss Paint	S25
3rd Coat: Spartaglo® (W 7500)	Interior/Exterior Acrylic Semi-Gloss Paint	S25
Plaster, Concrete - Semi-Gloss, Epox	су	
1st Coat: Monopole – Monochem 1**	Zero-VOC Waterborne Epoxy Primer	S17
2nd Coat: Monopole – Monochem 200**	Zero-VOC Waterborne Semi-Gloss Epoxy	S18-19
3rd Coat: Monopole – Monochem 200**	Zero-VOC Waterborne Semi-Gloss Epoxy	S18-19
Plaster, Concrete - Gloss, Acrylic		
1st Coat: Acri-Loc® (W 6232)	Acrylic Masonry Primer/Sealer	S4
2nd Coat: Spartagloss® (W 7600)	Interior/Exterior Acrylic Gloss Paint	S26
3rd Coat: Spartagloss® (W 7600)	Interior/Exterior Acrylic Gloss Paint	S26
Plaster, Concrete - Gloss, Epoxy		
1st Coat: Monopole – Monochem 1**	Zero-VOC Waterborne Epoxy Primer	S17
2nd Coat: Monopole – Monochem 200**	Zero-VOC Waterborne Gloss Epoxy	S18-19
3rd Coat: Monopole – Monochem 200**	Zero-VOC Waterborne Gloss Epoxy	S18-19
Masonry (CMU) With Block Filler - Fl	at, Acrylic Copolymer	
1st Coat: Block Filler	Ask your Dunn-Edwards Representative	
2nd Coat: Walltone® (W 420)	Interior Latex Flat Paint	S32
3rd Coat: Walltone® (W 420)	Interior Latex Flat Paint	S32

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\* All products are EG-Free, except where noted.

Masonry (CMU) With Block Filler-Low		
1st Coat: Block Filler	Ask your Dunn-Edwards Representative	
2nd Coat: Suprema® (W 411)	Interior Low Sheen Wall Paint	S29
3rd Coat: Suprema® (W 411)	Interior Low Sheen Wall Paint	S29
Masonry (CMU) With Block Filler-Low	v Sheen, Acrylic	
1st Coat: Block Filler	Ask your Dunn-Edwards Representative	
2nd Coat: Spartasheen® (W 7300)	Interior/Exterior Acrylic Low Sheen Paint	S27
3rd Coat: Spartasheen® (W 7300)	Interior/Exterior Acrylic Low Sheen Paint	S27
Masonry (CMU) With Block Filler - Eg	gshell, Acrylic	
1st Coat: Block Filler	Ask your Dunn-Edwards Representative	
2nd Coat: Spartashell® (W 7400)	Interior/Exterior Acrylic Eggshell Paint	S28
3rd Coat: Spartashell® (W 7400)	Interior/Exterior Acrylic Eggshell Paint	S28
Masonry (CMU) With Block Filler - Se	emi-Gloss, Acrylic	
1st Coat: Block Filler	Ask your Dunn-Edwards Representative	
2nd Coat: Spartaglo® (W 7500)	Interior/Exterior Acrylic Semi-Gloss Paint	S25
3rd Coat: Spartaglo® (W 7500)	Interior/Exterior Acrylic Semi-Gloss Paint	S25
Masonry (CMU) With Block Filler - Se	emi-Gloss, Epoxy	
1st Coat: Block Filler	Ask your Dunn-Edwards Representative	
2nd Coat: Monopole – Monochem 200**	Zero-VOC Waterborne Semi-Gloss Epoxy	S18-19
3rd Coat: Monopole – Monochem 200**	Zero-VOC Waterborne Semi-Gloss Epoxy	S18-19
Masonry (CMU) With Block Filler - Gl	oss, Acrylic	
1st Coat: Block Filler	Ask your Dunn-Edwards Representative	
2nd Coat: Spartagloss® (W 7600)	Interior/Exterior Acrylic Gloss Paint	S26
3rd Coat: Spartagloss® (W 7600)	Interior/Exterior Acrylic Gloss Paint	S26
Masonry (CMU) With Block Filler - Gl	oss, Epoxy	
1st Coat: Block Filler	Ask your Dunn-Edwards Representative	
2nd Coat: Monopole – Monochem 200**	Zero-VOC Waterborne Gloss Epoxy	S18-19
3rd Coat: Monopole – Monochem 200**	Zero-VOC Waterborne Gloss Epoxy	S18-19
Masonry (CMU) Without Block Filler -		
1st Coat: Acri-Loc® (W 6232)	Acrylic Masonry Primer/Sealer	S4
2nd Coat: Walltone® (W 420)	Interior Latex Flat Paint	S32
3rd Coat: Walltone® (W 420)	Interior Latex Flat Paint	S32
Masonry (CMU) Without Block Filler -		
1st Coat: Acri-Loc® (W 6232)	Acrylic Masonry Primer/Sealer	S4
2nd Coat: Suprema® (W 411)	Interior Low Sheen Wall Paint	S29
3rd Coat: Suprema® (W 411)	Interior Low Sheen Wall Paint	S29
Masonry (CMU) Without Block Filler -		
1st Coat: Acri-Loc® (W 6232)	Acrylic Masonry Primer/Sealer	S4
2nd Coat: Spartasheen® (W 7300)	Interior/Exterior Acrylic Low Sheen Paint	S27
3rd Coat: Spartasheen® (W 7300)	Interior/Exterior Acrylic Low Sheen Paint	S27
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\* All products are EG-Free, except where noted.

Manager (OMII) Without Block Filler	Funchall Associa	
Masonry (CMU) Without Block Filler -		0.1
1st Coat: Acri-Loc® (W 6232)	Acrylic Masonry Primer/Sealer	S4
2nd Coat: Spartashell® (W 7400)	Interior/Exterior Acrylic Eggshell Paint	S28
3rd Coat: Spartashell® (W 7400)	Interior/Exterior Acrylic Eggshell Paint	S28
Masonry (CMU) Without Block Filler -		
1st Coat: Acri-Loc® (W 6232)	Acrylic Masonry Primer/Sealer	S4
2nd Coat: Spartaglo® (W 7500)	Interior/Exterior Acrylic Semi-Gloss Paint	S25
3rd Coat: Spartaglo® (W 7500)	Interior/Exterior Acrylic Semi-Gloss Paint	S25
Masonry (CMU) Without Block Filler -	Semi-Gloss, Epoxy	
1st Coat: Monopole – Monochem 1**	Zero-VOC Waterborne Epoxy Primer	S17
2nd Coat: Monopole – Monochem 200**	Zero-VOC Waterborne Semi-Gloss Epoxy	S18-19
3rd Coat: Monopole – Monochem 200**	Zero-VOC Waterborne Semi-Gloss Epoxy	S18-19
Masonry (CMU) Without Block Filler -	Gloss, Acrylic	
1st Coat: Acri-Loc® (W 6232)	Acrylic Masonry Primer/Sealer	S4
2nd Coat: Spartagloss® (W 7600)	Interior/Exterior Acrylic Gloss Paint	S26
3rd Coat: Spartagloss® (W 7600)	Interior/Exterior Acrylic Gloss Paint	S26
Masonry (CMU) Without Block Filler -	Gloss, Epoxy	
1st Coat: Monopole – Monochem 1**	Zero-VOC Waterborne Epoxy Primer	S17
2nd Coat: Monopole – Monochem 200**	Zero-VOC Waterborne Gloss Epoxy	S18-19
3rd Coat: Monopole – Monochem 200**	Zero-VOC Waterborne Gloss Epoxy	S18-19
Wood - Flat, Acrylic Copolymer		
1st Coat: (W 2400)	Interior Latex Enamel Undercoater	S33
2nd Coat: Walltone® (W 420)	Interior Latex Flat Paint	S32
3rd Coat: Walltone® (W 420)	Interior Latex Flat Paint	S32
<b>Wood - Low Sheen, Acrylic Copolymer</b>		,
1st Coat: (W 2400)	Interior Latex Enamel Undercoater	S33
2nd Coat: Suprema® (W 411)	Interior Low Sheen Wall Paint	S29
3rd Coat: Suprema® (W 411)	Interior Low Sheen Wall Paint	S29
Wood - Low Sheen, Acrylic		
1st Coat: (W 2400)	Interior Latex Enamel Undercoater	S33
2nd Coat: Spartasheen® (W 7300)	Interior/Exterior Acrylic Low Sheen Paint	S27
3rd Coat: Spartasheen® (W 7300)	Interior/Exterior Acrylic Low Sheen Paint	S27
Wood - Eggshell, Acrylic		
1st Coat: (W 2400)	Interior Latex Enamel Undercoater	S33
2nd Coat: Spartashell® (W 7400)	Interior/Exterior Acrylic Eggshell Paint	S28
3rd Coat: Spartashell® (W 7400)	Interior/Exterior Acrylic Eggshell Paint	S28
Wood - Semi-Gloss, Acrylic	7 - 33	
1st Coat: (W 2400)	Interior Latex Enamel Undercoater	S33
2nd Coat: Spartaglo® (W 7500)	Interior/Exterior Acrylic Semi-Gloss Paint	S25
3rd Coat: Spartaglo® (W 7500)	Interior/Exterior Acrylic Semi-Gloss Paint	S25
Sid South Opultugio (11 / 1000)	Interior, Exterior rior yill defill alloss I allit	020

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\* All products are EG-Free, except where noted.

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Wood - Gloss, Acrylic		
1st Coat: (W 2400)	Interior Latex Enamel Undercoater	S33
2nd Coat: Spartagloss® (W 7600)	Interior/Exterior Acrylic Gloss Paint	S26
3rd Coat: Spartagloss® (W 7600)	Interior/Exterior Acrylic Gloss Paint	S26
Ferrous Metals - Flat, Acrylic Copolyn	ner en	
1st Coat: Sierra Performance Griptec S30**	Zero-VOC Multi-Surface Primer	S21-24
2nd Coat: Walltone® (W 420)	Interior Latex Flat Paint	S32
3rd Coat: Walltone® (W 420)	Interior Latex Flat Paint	S32
Ferrous Metals - Low Sheen, Acrylic (	Copolymer	
1st Coat: Sierra Performance Griptec S30**	Zero-VOC Multi-Surface Primer	S21-24
2nd Coat: Suprema® (W 411)	Interior Low Sheen Wall Paint	S29
3rd Coat: Suprema® (W 411)	Interior Low Sheen Wall Paint	S29
Ferrous Metals - Low Sheen, Acrylic		
1st Coat: Sierra Performance Griptec S30**	Zero-VOC Multi-Surface Primer	S21-24
2nd Coat: Spartasheen® (W 7300)	Interior/Exterior Acrylic Low Sheen Paint	S27
3rd Coat: Spartasheen® (W 7300)	Interior/Exterior Acrylic Low Sheen Paint	S27
Ferrous Metals - Eggshell, Acrylic		
1st Coat: Sierra Performance Griptec S30**	Zero-VOC Multi-Surface Primer	S21-24
2nd Coat: Spartashell® (W 7400)	Interior/Exterior Acrylic Eggshell Paint	S28
3rd Coat: Spartashell® (W 7400)	Interior/Exterior Acrylic Eggshell Paint	S28
Ferrous Metals - Semi-Gloss, Acrylic		
1st Coat: Sierra Performance Griptec S30**	Zero-VOC Multi-Surface Primer	S21-24
2nd Coat: Spartaglo® (W 7500)	Interior/Exterior Acrylic Semi-Gloss Paint	S25
3rd Coat: Spartaglo® (W 7500)	Interior/Exterior Acrylic Semi-Gloss Paint	S25
Ferrous Metals - Semi-Gloss, Epoxy		
1st Coat: Monopole – Monochem 1**	Zero-VOC Waterborne Epoxy Primer	S17
2nd Coat: Monopole – Monochem 200**	Zero-VOC Waterborne Semi-Gloss Epoxy	S18-19
3rd Coat: Monopole – Monochem 200**	Zero-VOC Waterborne Semi-Gloss Epoxy	S18-19
Ferrous Metals - Gloss, Acrylic		
1st Coat: Sierra Performance Griptec S30**	Zero-VOC Multi-Surface Primer	S21-24
2nd Coat: Spartagloss® (W 7600)	Interior/Exterior Acrylic Gloss Paint	S26
3rd Coat: Spartagloss® (W 7600)	Interior/Exterior Acrylic Gloss Paint	S26
Ferrous Metals - Gloss, Epoxy		
1st Coat: Monopole – Monochem 1**	Zero-VOC Waterborne Epoxy Primer	S17
2nd Coat: Monopole – Monochem 200**	Zero-VOC Waterborne Gloss Epoxy	S18-19
3rd Coat: Monopole – Monochem 200**	Zero-VOC Waterborne Gloss Epoxy	S18-19
Ferrous Metals - Gloss, Aliphatic Poly	urethane	
1st Coat: Genesis Coatings – GCR 47**	Waterborne Acrylic Primer	S15
2nd Coat: Genesis Coatings – GCP 1000**	Zero-VOC Gloss Polyurethane	S16
3rd Coat: Genesis Coatings – GCP 1000**	Zero-VOC Gloss Polyurethane	S16
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<sup>\*</sup> Distributed by Dunn-Edwards Corporation.
\* All products are EG-Free, except where noted.

Non-Ferrous Metals - Flat, Acrylic Cop	nolymer	
1st Coat: Ultra-Grip® (W 715)	Acrylic Multi-Purpose Primer	S30
2nd Coat: Walltone® (W 420)	Interior Latex Flat Paint	S32
3rd Coat: Walltone® (W 420)	Interior Latex Flat Paint	S32
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Non-Ferrous Metals - Low Sheen, Acr		COO
1st Coat: Ultra-Grip® (W 715)	Acrylic Multi-Purpose Primer	\$30
2nd Coat: Suprema® (W 411)	Interior Low Sheen Wall Paint	S29
3rd Coat: Suprema® (W 411)	Interior Low Sheen Wall Paint	S29
Non-Ferrous Metals - Low Sheen, Acr		
1st Coat: Ultra-Grip® (W 715)	Acrylic Multi-Purpose Primer	S30
2nd Coat: Spartasheen® (W 7300)	Interior/Exterior Acrylic Low Sheen Paint	S27
3rd Coat: Spartasheen® (W 7300)	Interior/Exterior Acrylic Low Sheen Paint	S27
Non-Ferrous Metals - Eggshell, Acryli	<u>C</u>	
1st Coat: Ultra-Grip® (W 715)	Acrylic Multi-Purpose Primer	S30
2nd Coat: Spartashell® (W 7400)	Interior/Exterior Acrylic Eggshell Paint	S28
3rd Coat: Spartashell® (W 7400)	Interior/Exterior Acrylic Eggshell Paint	S28
Non-Ferrous Metals - Semi-Gloss, Acr	ylic	
1st Coat: Ultra-Grip® (W 715)	Acrylic Multi-Purpose Primer	S30
2nd Coat: Spartaglo® (W 7500)	Interior/Exterior Acrylic Semi-Gloss Paint	S25
3rd Coat: Spartaglo® (W 7500)	Interior/Exterior Acrylic Semi-Gloss Paint	S25
Non-Ferrous Metals - Semi-Gloss, Epoxy		
1st Coat: Monopole – Monochem 1**	Zero-VOC Waterborne Epoxy Primer	S17
2nd Coat: Monopole – Monochem 200**	Zero-VOC Waterborne Semi-Gloss Epoxy	S18-19
3rd Coat: Monopole – Monochem 200**	Zero-VOC Waterborne Semi-Gloss Epoxy	S18-19
Non-Ferrous Metals - Gloss, Acrylic		
1st Coat: Ultra-Grip® (W 715)	Acrylic Multi-Purpose Primer	S30
2nd Coat: Spartagloss® (W 7600)	Interior/Exterior Acrylic Gloss Paint	S26
3rd Coat: Spartagloss® (W 7600)	Interior/Exterior Acrylic Gloss Paint	S26
Non-Ferrous Metals - Gloss, Epoxy		
1st Coat: Monopole – Monochem 1**	Zero-VOC Waterborne Epoxy Primer	S17
2nd Coat: Monopole – Monochem 200**	Zero-VOC Waterborne Gloss Epoxy	S18-19
3rd Coat: Monopole – Monochem 200**	Zero-VOC Waterborne Gloss Epoxy	S18-19
Non-Ferrous Metals - Gloss, Aliphatic		
1st Coat: Genesis Coatings – GCR 47**	Waterborne Acrylic Primer	S15
2nd Coat: Genesis Coatings – GCP 1000**	Zero-VOC Gloss Polyurethane	S16
3rd Coat: Genesis Coatings – GCP 1000**	Zero-VOC Gloss Polyurethane	S16
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# GREEN SEAL COMPLIANT PRODUCTS

## **EXTERIOR COATINGS**



\*All products are EG-Free, except where noted

		except
Primers		PAGE
Acri-Loc® (W 6232)	Acrylic Masonry Primer/Sealer (115 g/L)	S4
Corrobar® (43-5)	White Alkyd Corrosion Inhibitive Primer (345 g/L)	$\Diamond$
Eff-Stop® (W 709)	Acrylic Masonry Primer/Sealer (125 g/L)	S10
Enduraseal® (W 360)	Acrylic Masonry Sealer (170 g/L)	$\Diamond$
E-Z Prime® (W 708)	Exterior Acrylic Wood Primer (125 g/L)	S14
Genesis Coatings – GCR 47**	Waterborne Acrylic Primer (78 g/L)	S15
Monopole – Monochem 1**	Zero VOC Waterborne Epoxy Primer/Sealer	S17
Ultra-Grip® (W 715)	Acrylic Multi-Purpose Primer (45 g/L)	S30
Flats (GS-11 Standard for Exterior Flats: 10	0 g/L)	
Acri-Flat® (W 704)	Exterior Acrylic Wood Stain & Masonry Flat Paint (70 g/L)	S3
Endurawall® (W 370)	Elastomeric Wall Coating Smooth (40 g/L)	$\Diamond$
Evershield® (W 701)	Exterior Acrylic Wood & Masonry Flat Paint (85 g/L)	S13
Flex-Tex® Fine (W 320)	Textured Coating Fine (50 g/L)	$\Diamond$
Flex-Tex® Medium (W 322)	Textured Coating Medium (50 g/L)	$\Diamond$
Flex-Tex® Coarse (W 323)	Textured Coating Coarse (60 g/L)	$\Diamond$
Versawall® (W 6230V)	Interior/Exterior Latex Flat Enamel (100 g/L)	$\Diamond$
Non-Flats (GS-11 Standard for Exterior No	on-Flats: 200 g/L)	
Enduracryl® (W 705)	Exterior Acrylic Low Sheen Paint (140 g/L)	S11
Genesis Coatings – GCP 1000**	Zero-VOC Gloss Polyurethane	S16
Monopole – Monochem 200**	Zero-VOC Waterborne Semi-Gloss Epoxy	S18-19
Monopole – Monochem 200**	Zero-VOC Waterborne Gloss Epoxy	S18-19
Spartaglo® (W 7500)	Interior/Exteror Acrylic Semi-Gloss Paint (100 g/L)	S25
Spartagloss® (W 7600)	Interior/Exteror Acrylic Gloss Paint (85 g/L)	S26

(continued)

The LEED program does not include exterior products. This listing is for your convenience to provide a finish schedule that also contains exterior finishes for a complete specification.

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<sup>♦</sup> Not specified in this guide. Consult your Dunn-Edwards Architectural Representative for appropriate product recommendations.

Spartasheen® (W 7300)	Interior/Exteror Acrylic Low Sheen Paint (95 g/L)	
Spartashell® (W 7400)	Interior/Exteror Acrylic Eggshell Paint (90 g/L)	
Versaglo® (W 6160)	Interior/Exterior Latex Semi-Gloss Paint (120 g/L)	$\Diamond$
Versagloss® (W 6220)	Interior/Exterior Latex Gloss Paint (125 g/L)	$\Diamond$
Versasatin® (W 6250)	Interior/Exterior Latex Low Sheen Paint (120 g/L)	$\Diamond$

The LEED program does not include exterior products. This listing is for your convenience to provide a finish schedule that also contains exterior finishes for a complete specification.

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# GREEN SEAL SCHEDULE OF FINISHES

# EXTERIOR COATINGS



### \*All products are EG-Free, except where noted

#### **Low VOC Finishes**

Gypsum Board - Flat, Acrylic		PAGE
1st Coat: Acri-Loc® (W 6232)	Acrylic Masonry Primer/Sealer	S4
2nd Coat: Acri-Flat® (W 704)	Exterior Acrylic Wood Stain & Masonry Flat Paint	S3
3rd Coat: Acri-Flat® (W 704)	Exterior Acrylic Wood Stain & Masonry Flat Paint	S3
Gypsum Board - Low Sheen, Acrylic		
1st Coat: Acri-Loc® (W 6232)	Acrylic Masonry Primer/Sealer	S4
2nd Coat: Spartasheen® (W 7300)	Interior/Exterior Acrylic Low Sheen Paint	S27
3rd Coat: Spartasheen® (W 7300)	Interior/Exterior Acrylic Low Sheen Paint	S27
Gypsum Board - Eggshell, Acrylic		
1st Coat: Acri-Loc® (W 6232)	Acrylic Masonry Primer/Sealer	S4
2nd Coat: Spartashell® (W 7400)	Interior/Exterior Acrylic Eggshell Paint	S28
3rd Coat: Spartashell® (W 7400)	Interior/Exterior Acrylic Eggshell Paint	S28
Gypsum Board - Semi-Gloss, Acrylic		
1st Coat: Acri-Loc® (W 6232)	Acrylic Masonry Primer/Sealer	S4
2nd Coat: Spartaglo® (W 7500)	Interior/Exterior Acrylic Semi-Gloss Paint	S25
3rd Coat: Spartaglo® (W 7500)	Interior/Exterior Acrylic Semi-Gloss Paint	S25
Gypsum Board - Gloss, Acrylic		
1st Coat: Acri-Loc® (W 6232)	Acrylic Masonry Primer/Sealer	S4
2nd Coat: Spartagloss® (W 7600)	Interior/Exterior Acrylic Gloss Paint	S26
3rd Coat: Spartagloss® (W 7600)	Interior/Exterior Acrylic Gloss Paint	S26
Stucco, Concrete - Flat, Acrylic		
1st Coat: Acri-Loc® (W 6232)	Acrylic Masonry Primer/Sealer	S4
2nd Coat: Acri-Flat® (W 704)	Exterior Acrylic Wood Stain & Masonry Flat Paint	S3
3rd Coat: Acri-Flat® (W 704)	Exterior Acrylic Wood Stain & Masonry Flat Paint	S3
Stucco, Concrete - Flat, Acrylic		
1st Coat: Eff-Stop® (W 709)	Acrylic Masonry Primer/Sealer	S10
2nd Coat: Evershield® (W 701)	Exterior Acrylic Wood & Masonry Flat Paint	S13
3rd Coat: Evershield® (W 701)	Exterior Acrylic Wood & Masonry Flat Paint	S13

Otroca Committee Land Character Asset	11.	
Stucco, Concrete - Low Sheen, Acry		0.1
1st Coat: Acri-Loc® (W 6232)	Acrylic Masonry Primer/Sealer	S4
2nd Coat: Spartasheen® (W 7300)	Interior/Exterior Acrylic Low Sheen Paint	S27
3rd Coat: Spartasheen® (W 7300)	Interior/Exterior Acrylic Low Sheen Paint	S27
Stucco, Concrete - Low Sheen, Acry	lic	
1st Coat: Eff-Stop® (W 709)	Acrylic Masonry Primer/Sealer	S10
2nd Coat: Enduracryl® (W 705)	Exterior Acrylic Low Sheen Paint	S11
3rd Coat: Enduracryl® (W 705)	Exterior Acrylic Low Sheen Paint	S11
Stucco, Concrete - Eggshell, Acrylic		
1st Coat: Acri-Loc® (W 6232)	Acrylic Masonry Primer/Sealer	S4
2nd Coat: Spartashell® (W 7400)	Interior/Exterior Acrylic Eggshell Paint	S28
3rd Coat: Spartashell® (W 7400)	Interior/Exterior Acrylic Eggshell Paint	S28
Stucco, Concrete - Semi-Gloss, Acry	lic	
1st Coat: Acri-Loc® (W 6232)	Acrylic Masonry Primer/Sealer	S4
2nd Coat: Spartaglo® (W 7500)	Interior/Exterior Acrylic Semi-Gloss Paint	S25
3rd Coat: Spartaglo® (W 7500)	Interior/Exterior Acrylic Semi-Gloss Paint	S25
Stucco, Concrete - Gloss, Acrylic		
1st Coat: Acri-Loc® (W 6232)	Acrylic Masonry Primer/Sealer	S4
2nd Coat: Spartagloss® (W 7600)	Interior/Exterior Acrylic Gloss Paint	S26
3rd Coat: Spartagloss® (W 7600)	Interior/Exterior Acrylic Gloss Paint	S26
Masonry (CMU) With Block Filler - F	lat, Acrylic	
1st Coat: Block Filler	Ask your Dunn-Edwards Representative	
2nd Coat: Acri-Flat® (W 704)	Exterior Acrylic Wood Stain & Masonry Flat Paint	S3
3rd Coat: Acri-Flat® (W 704)	Exterior Acrylic Wood Stain & Masonry Flat Paint	S3
Masonry (CMU) With Block Filler - F	lat, Acrylic	
1st Coat: Block Filler	Ask your Dunn-Edwards Representative	
2nd Coat: Evershield® (W 701)	Exterior Acrylic Wood & Masonry Flat Paint	S13
3rd Coat: Evershield® (W 701)	Exterior Acrylic Wood & Masonry Flat Paint	S13
Masonry (CMU) With Block Filler - Lo	ow Sheen, Acrylic	
1st Coat: Block Filler	Ask your Dunn-Edwards Representative	
2nd Coat: Spartasheen® (W 7300)	Interior/Exterior Acrylic Low Sheen Paint	S27
3rd Coat: Spartasheen® (W 7300)	Interior/Exterior Acrylic Low Sheen Paint	S27
Masonry (CMU) With Block Filler - Lo	•	
1st Coat: Block Filler	Ask your Dunn-Edwards Representative	
2nd Coat: Enduracryl® (W 705)	Exterior Acrylic Low Sheen Paint	S11
3rd Coat: Enduracryl® (W 705)	Exterior Acrylic Low Sheen Paint	S11
Masonry (CMU) With Block Filler - E	-	
1st Coat: Block Filler	Ask your Dunn-Edwards Representative	
	-	COO
2nd Coat: Spartashell® (W 7400)	Interior/Exterior Acrylic Eddshell Paint	520
2nd Coat: Spartashell® (W 7400)  3rd Coat: Spartashell® (W 7400)	Interior/Exterior Acrylic Eggshell Paint Interior/Exterior Acrylic Eggshell Paint	S28 S28

<sup>\*</sup> All products are EG-Free, except where noted.

1st Coat: Block Filler   Ask your Dunn-Edwards Representative   2nd Coat: Spartaglo® (W 7500)   Interior/Exterior Acrylic Semi-Gloss Paint   \$25   3rd Coat: Spartaglo® (W 7500)   Interior/Exterior Acrylic Semi-Gloss Paint   \$25   3rd Coat: Spartaglos® (W 7500)   Interior/Exterior Acrylic Gloss Paint   \$25   3rd Coat: Spartagloss® (W 7600)   Interior/Exterior Acrylic Gloss Paint   \$26   3rd Coat: Spartagloss® (W 7600)   Interior/Exterior Acrylic Gloss Paint   \$26   3rd Coat: Spartagloss® (W 7600)   Interior/Exterior Acrylic Gloss Paint   \$26   Masonry (CMU) Without Block Filler - Flat, Acrylic Gloss Paint   \$28   2nd Coat: Acri-Flat® (W 704)   Exterior Acrylic Wood Stain & Masonry Flat Paint   \$3   3rd Coat: Acri-Flat® (W 704)   Exterior Acrylic Wood Stain & Masonry Flat Paint   \$3   3rd Coat: Acri-Flat® (W 704)   Exterior Acrylic Wood Stain & Masonry Flat Paint   \$3   3rd Coat: Eff-Stop® (W 709)   Acrylic Masonry Primer/Sealer   \$10   2nd Coat: Evershield® (W 701)   Exterior Acrylic Wood & Masonry Flat Paint   \$13   3rd Coat: Evershield® (W 701)   Exterior Acrylic Wood & Masonry Flat Paint   \$13   3rd Coat: Evershield® (W 701)   Exterior Acrylic Wood & Masonry Flat Paint   \$13   3rd Coat: Evershield® (W 701)   Exterior Acrylic Wood & Masonry Flat Paint   \$13   3rd Coat: Evershield® (W 701)   Exterior Acrylic Wood & Masonry Flat Paint   \$13   3rd Coat: Evershield® (W 701)   Interior/Exterior Acrylic Low Sheen Paint   \$27   3rd Coat: Spartasheen® (W 7300)   Interior/Exterior Acrylic Low Sheen Paint   \$27   3rd Coat: Exterior (W 7300)   Interior/Exterior Acrylic Low Sheen Paint   \$27   3rd Coat: Erf-Stop® (W 709)   Acrylic Masonry Primer/Sealer   \$10   3rd Coat: Erf-Stop® (W 709)   Acrylic Masonry Primer/Sealer   \$10   3rd Coat: Enduracry® (W 705)   Exterior Acrylic Low Sheen Paint   \$11   3rd Coat: Enduracry® (W 705)   Exterior Acrylic Low Sheen Paint   \$11   3rd Coat: Spartasheen® (W 7300)   Interior/Exterior Acrylic Eggshell Paint   \$28   3rd Coat: Spartashell® (W 7400)   Interior/Exterior Acrylic Eggshell Pain	Masonry (CMU) With Block Filler - Ser	ni-Gloss, Acrylic	
Interior/Exterior Acrylic Semi-Gloss Paint   S25	1st Coat: Block Filler	Ask your Dunn-Edwards Representative	
Masonry (CMU) With Block Filler - Gloss, Acrylic  1st Coat: Block Filler  2nd Coat: Spartagloss® (W 7600)  Interior/Exterior Acrylic Gloss Paint  526  3rd Coat: Spartagloss® (W 7600)  Interior/Exterior Acrylic Gloss Paint  526  3rd Coat: Spartagloss® (W 7600)  Interior/Exterior Acrylic Gloss Paint  526  3rd Coat: Spartagloss® (W 7600)  Interior/Exterior Acrylic Gloss Paint  526  3rd Coat: Acri-Loc® (W 6232)  Acrylic Masonry Primer/Sealer  54  2nd Coat: Acri-Flat® (W 704)  Exterior Acrylic Wood Stain & Masonry Flat Paint  53  3rd Coat: Acri-Flat® (W 704)  Exterior Acrylic Wood Stain & Masonry Flat Paint  53  48  48  48  48  48  48  48  48  48  4	2nd Coat: Spartaglo® (W 7500)	Interior/Exterior Acrylic Semi-Gloss Paint	
1st Coat Block Filler 2nd Coat: Spartagloss® (W 7600) Interior/Exterior Acrylic Gloss Paint 526 3rd Coat: Spartagloss® (W 7600) Interior/Exterior Acrylic Gloss Paint 526 Masonry (CMU) Without Block Filler - Flat, Acrylic 1st Coat: Acri-Flat® (W 704) Exterior Acrylic Wood Stain & Masonry Flat Paint 53 3rd Coat: Acri-Flat® (W 704) Exterior Acrylic Wood Stain & Masonry Flat Paint 53 3rd Coat: Acri-Flat® (W 704) Exterior Acrylic Wood Stain & Masonry Flat Paint 53 3rd Coat: Acri-Flat® (W 704) Exterior Acrylic Wood Stain & Masonry Flat Paint 53 3rd Coat: Eff-Stop® (W 709) Acrylic Masonry Primer/Sealer 510 2nd Coat: Eff-Stop® (W 701) Exterior Acrylic Wood & Masonry Flat Paint 513 3rd Coat: Evershield® (W 701) Exterior Acrylic Wood & Masonry Flat Paint 513 3rd Coat: Evershield® (W 701) Exterior Acrylic Wood & Masonry Flat Paint 513 3rd Coat: Evershield® (W 701) Exterior Acrylic Wood & Masonry Flat Paint 513 3rd Coat: Evershield® (W 701) Exterior Acrylic Masonry Flat Paint 514 515 515 516 517 518 518 519 519 519 519 519 519 519 519 519 519	3rd Coat: Spartaglo® (W 7500)	Interior/Exterior Acrylic Semi-Gloss Paint	S25
2nd Coat: Spartagloss® (W 7600) Interior/Exterior Acrylic Gloss Paint S26 3rd Coat: Spartagloss® (W 7600) Interior/Exterior Acrylic Gloss Paint S26 Masonry (CMU) Without Block Filler - Flat, Acrylic 1st Coat: Acri-Flat® (W 704) Exterior Acrylic Wood Stain & Masonry Flat Paint S3 3rd Coat: Acri-Flat® (W 704) Exterior Acrylic Wood Stain & Masonry Flat Paint S3 3rd Coat: Acri-Flat® (W 704) Exterior Acrylic Wood Stain & Masonry Flat Paint S3 3rd Coat: Acri-Flat® (W 704) Exterior Acrylic Wood Stain & Masonry Flat Paint S13 3rd Coat: Evershield® (W 709) Acrylic Masonry Primer/Sealer S10 2nd Coat: Evershield® (W 701) Exterior Acrylic Wood & Masonry Flat Paint S13 3rd Coat: Evershield® (W 701) Exterior Acrylic Wood & Masonry Flat Paint S13 3rd Coat: Evershield® (W 701) Exterior Acrylic Wood & Masonry Flat Paint S13 3rd Coat: Evershield® (W 701) Exterior Acrylic Wood & Masonry Flat Paint S13 3rd Coat: Evershield® (W 701) Exterior Acrylic Wood & Masonry Flat Paint S13 3rd Coat: Spartasheen® (W 7300) Interior/Exterior Acrylic Low Sheen Paint S27 Acrylic Masonry Primer/Sealer S4 2nd Coat: Spartasheen® (W 7300) Interior/Exterior Acrylic Low Sheen Paint S27 Masonry (CMU) Without Block Filler - Low Sheen, Acrylic 1st Coat: Erf-Stop® (W 709) Acrylic Masonry Primer/Sealer S10 2nd Coat: Enduracryl® (W 705) Exterior Acrylic Low Sheen Paint S11 3rd Coat: Enduracryl® (W 705) Exterior Acrylic Low Sheen Paint S11 Masonry (CMU) Without Block Filler - Eggshell, Acrylic Masonry Primer/Sealer S4 2nd Coat: Spartashell® (W 7400) Interior/Exterior Acrylic Eggshell Paint S28 Masonry (CMU) Without Block Filler - Semi-Gloss, Acrylic 1st Coat Acri-Loc® (W 6232) Acrylic Masonry Primer/Sealer S4 2nd Coat: Spartashell® (W 7500) Interior/Exterior Acrylic Semi-Gloss Paint S25 3rd Coat: Spartaglos® (W 7500) Interior/Exterior Acrylic Semi-Gloss Paint S25 3rd Coat: Spartaglos® (W 7500) Interior/Exterior Acrylic Gloss Paint S26 Masonry (CMU) Without Block Filler - Gloss, Acrylic 1st Coat: Er-Terime® (W 708) Exterior Acrylic Gloss Paint S26 Wood - Flat,	<b>Masonry (CMU) With Block Filler - Glo</b>	ss, Acrylic	
Interior/Exterior Acrylic Gloss Paint   S26	1st Coat: Block Filler	Ask your Dunn-Edwards Representative	
Masonry (GMU) Without Block Filler - Flat, Acrylic  1st Coat: Acri-Loc® (W 6232) Acrylic Masonry Primer/Sealer S4  2nd Coat: Acri-Flat® (W 704) Exterior Acrylic Wood Stain & Masonry Flat Paint S3  3rd Coat: Acri-Flat® (W 704) Exterior Acrylic Wood Stain & Masonry Flat Paint S3  3rd Coat: Acri-Flat® (W 704) Exterior Acrylic Wood Stain & Masonry Flat Paint S10  2nd Coat: Eff-Stop® (W 709) Acrylic Masonry Primer/Sealer S10  2nd Coat: Evershield® (W 701) Exterior Acrylic Wood & Masonry Flat Paint S13  3rd Coat: Evershield® (W 701) Exterior Acrylic Wood & Masonry Flat Paint S13  3rd Coat: Evershield® (W 701) Exterior Acrylic Wood & Masonry Flat Paint S13  3rd Coat: Evershield® (W 701) Exterior Acrylic Wood & Masonry Flat Paint S13  3rd Coat: Evershield® (W 7300) Interior/Exterior Acrylic Low Sheen Paint S27  3rd Coat: Spartasheen® (W 7300) Interior/Exterior Acrylic Low Sheen Paint S27  3rd Coat: Spartasheen® (W 7300) Interior/Exterior Acrylic Low Sheen Paint S27  3rd Coat: Enduracryl® (W 709) Acrylic Masonry Primer/Sealer S10  2nd Coat: Enduracryl® (W 705) Exterior Acrylic Low Sheen Paint S11  3rd Coat: Enduracryl® (W 705) Exterior Acrylic Low Sheen Paint S11  3rd Coat: Enduracryl® (W 705) Exterior Acrylic Low Sheen Paint S11  3rd Coat: Enduracryl® (W 705) Exterior Acrylic Low Sheen Paint S11  3rd Coat: Enduracryl® (W 705) Exterior Acrylic Low Sheen Paint S11  3rd Coat: Enduracryl® (W 705) Interior/Exterior Acrylic Sealer S4  2nd Coat: Spartashell® (W 7400) Interior/Exterior Acrylic Eggshell Paint S28  3rd Coat: Spartashell® (W 7400) Interior/Exterior Acrylic Eggshell Paint S28  3rd Coat: Spartashell® (W 7400) Interior/Exterior Acrylic Eggshell Paint S28  3rd Coat: Spartaglo® (W 7500) Interior/Exterior Acrylic Semi-Gloss Paint S25  3rd Coat: Spartaglo® (W 7500) Interior/Exterior Acrylic Semi-Gloss Paint S25  3rd Coat: Spartaglo® (W 7500) Interior/Exterior Acrylic Semi-Gloss Paint S25  3rd Coat: Spartaglos® (W 7600) Interior/Exterior Acrylic Gloss Paint S26  3rd Coat: Spartaglos® (W 7600) Interior/Exterior Acrylic Gl	2nd Coat: Spartagloss® (W 7600)	Interior/Exterior Acrylic Gloss Paint	S26
1st Coat: Acri-Loc® (W 6232) Acrylic Masonry Primer/Sealer S4 2nd Coat: Acri-Flat® (W 704) Exterior Acrylic Wood Stain & Masonry Flat Paint S3 3rd Coat: Acri-Flat® (W 704) Exterior Acrylic Wood Stain & Masonry Flat Paint S3 3rd Coat: Acri-Flat® (W 704) Exterior Acrylic Wood Stain & Masonry Flat Paint S3 3rd Coat: Acri-Flat® (W 704) Exterior Acrylic Wood & Masonry Flat Paint S10 2nd Coat: Eff-Stop® (W 709) Acrylic Masonry Primer/Sealer S10 2nd Coat: Evershield® (W 701) Exterior Acrylic Wood & Masonry Flat Paint S13 3rd Coat: Evershield® (W 701) Exterior Acrylic Wood & Masonry Flat Paint S13 3rd Coat: Evershield® (W 701) Exterior Acrylic Wood & Masonry Flat Paint S13 3rd Coat: Evershield® (W 700) Exterior Acrylic Low Sheen, Acrylic 1st Coat: Acri-Loc® (W 6232) Acrylic Masonry Primer/Sealer S4 2nd Coat: Spartasheen® (W 7300) Interior/Exterior Acrylic Low Sheen Paint S27 3rd Coat: Spartasheen® (W 7300) Interior/Exterior Acrylic Low Sheen Paint S27 3rd Coat: Eff-Stop® (W 709) Acrylic Masonry Primer/Sealer S10 2nd Coat: Enduracryl® (W 705) Exterior Acrylic Low Sheen Paint S11 3rd Coat: Enduracryl® (W 705) Exterior Acrylic Low Sheen Paint S11 3rd Coat: Enduracryl® (W 705) Exterior Acrylic Low Sheen Paint S11 3rd Coat: Enduracryl® (W 705) Exterior Acrylic Low Sheen Paint S11 3rd Coat: Enduracryl® (W 705) Exterior Acrylic Low Sheen Paint S11 3rd Coat: Enduracryl® (W 7400) Interior/Exterior Acrylic Eggshell Paint S28 3rd Coat: Spartashell® (W 7400) Interior/Exterior Acrylic Eggshell Paint S28 3rd Coat: Spartashell® (W 7400) Interior/Exterior Acrylic Eggshell Paint S28 3rd Coat: Spartashell® (W 7500) Interior/Exterior Acrylic Semi-Gloss Paint S25 3rd Coat: Spartaglo® (W 7500) Interior/Exterior Acrylic Semi-Gloss Paint S25 3rd Coat: Spartaglo® (W 7500) Interior/Exterior Acrylic Gloss Paint S25 3rd Coat: Spartaglo® (W 7500) Interior/Exterior Acrylic Gloss Paint S26 3rd Coat: Spartaglos® (W 7600) Interior/Exterior Acrylic Gloss Paint S26 3rd Coat: Spartaglos® (W 7600) Interior/Exterior Acrylic Gloss Paint S26 3rd Coat: Spart	3rd Coat: Spartagloss® (W 7600)	Interior/Exterior Acrylic Gloss Paint	S26
2nd Coat: Acri-Flate (W 704) Exterior Acrylic Wood Stain & Masonry Flat Paint S3 3rd Coat: Acri-Flate (W 704) Exterior Acrylic Wood Stain & Masonry Flat Paint S3 Masonry (CMU) Without Block Filler - Flat, Acrylic  1st Coat: Eff-Stop® (W 709) Acrylic Masonry Primer/Sealer S10 2nd Coat: Evershield® (W 701) Exterior Acrylic Wood & Masonry Flat Paint S13 3rd Coat: Evershield® (W 701) Exterior Acrylic Wood & Masonry Flat Paint S13 Masonry (CMU) Without Block Filler - Low Sheen, Acrylic 1st Coat: Acri-Loc® (W 6232) Acrylic Masonry Primer/Sealer S4 2nd Coat: Spartasheen® (W 7300) Interior/Exterior Acrylic Low Sheen Paint S27 Masonry (CMU) Without Block Filler - Low Sheen, Acrylic 1st Coat: Eff-Stop® (W 709) Acrylic Masonry Primer/Sealer S10 2nd Coat: Enduracryl® (W 709) Acrylic Masonry Primer/Sealer S10 2nd Coat: Enduracryl® (W 705) Exterior Acrylic Low Sheen Paint S11 3rd Coat: Enduracryl® (W 705) Exterior Acrylic Low Sheen Paint S11 3rd Coat: Enduracryl® (W 705) Exterior Acrylic Low Sheen Paint S11 3rd Coat: Enduracryl® (W 705) Exterior Acrylic Low Sheen Paint S11 3rd Coat: Acri-Loc® (W 6232) Acrylic Masonry Primer/Sealer S4 2nd Coat: Spartashell® (W 7400) Interior/Exterior Acrylic Eggshell Paint S28 3rd Coat: Spartashell® (W 7400) Interior/Exterior Acrylic Eggshell Paint S28 3rd Coat: Spartashell® (W 7400) Interior/Exterior Acrylic Eggshell Paint S28 3rd Coat: Spartaglo® (W 7500) Interior/Exterior Acrylic Semi-Gloss Paint S25 3rd Coat: Spartaglo® (W 7500) Interior/Exterior Acrylic Semi-Gloss Paint S25 3rd Coat: Spartaglo® (W 7500) Interior/Exterior Acrylic Semi-Gloss Paint S25 3rd Coat: Spartaglo® (W 7500) Interior/Exterior Acrylic Gloss Paint S26 3rd Coat: Spartagloss® (W 7600) Interior/Exterior Acrylic Gloss Paint S26 3rd Coat: Spartagloss® (W 7600) Interior/Exterior Acrylic Gloss Paint S26 3rd Coat: Spartagloss® (W 7600) Interior/Exterior Acrylic Gloss Paint S26 3rd Coat: Spartagloss® (W 7600) Interior/Exterior Acrylic Gloss Paint S26 3rd Coat: Spartagloss® (W 7600) Interior/Exterior Acrylic Gloss Paint S26	<b>Masonry (CMU) Without Block Filler -</b>	Flat, Acrylic	
3rd Coat: Acri-Flate (W 704) Exterior Acrylic Wood Stain & Masonry Flat Paint S3  Masonry (CMU) Without Block Filler - Flat, Acrylic  1st Coat: Eff-Stop® (W 709) Acrylic Masonry Primer/Sealer S10  2nd Coat: Evershield® (W 701) Exterior Acrylic Wood & Masonry Flat Paint S13  3rd Coat: Evershield® (W 701) Exterior Acrylic Wood & Masonry Flat Paint S13  Masonry (CMU) Without Block Filler - Low Sheen, Acrylic  1st Coat: Acri-Loc® (W 6232) Acrylic Masonry Primer/Sealer S4  2nd Coat: Spartasheen® (W 7300) Interior/Exterior Acrylic Low Sheen Paint S27  3rd Coat: Spartasheen® (W 7300) Interior/Exterior Acrylic Low Sheen Paint S27  3rd Coat: Eff-Stop® (W 709) Acrylic Masonry Primer/Sealer S10  2nd Coat: Eff-Stop® (W 709) Exterior Acrylic Low Sheen Paint S11  3rd Coat: Enduracryl® (W 705) Exterior Acrylic Low Sheen Paint S11  3rd Coat: Enduracryl® (W 705) Exterior Acrylic Low Sheen Paint S11  3rd Coat: Enduracryl® (W 705) Exterior Acrylic Low Sheen Paint S11  Masonry (CMU) Without Block Filler - Eggshell, Acrylic  1st Coat: Acri-Loc® (W 6232) Acrylic Masonry Primer/Sealer S4  2nd Coat: Spartashell® (W 7400) Interior/Exterior Acrylic Eggshell Paint S28  3rd Coat: Spartashell® (W 7400) Interior/Exterior Acrylic Eggshell Paint S28  Masonry (CMU) Without Block Filler - Semi-Gloss, Acrylic  1st Coat: Acri-Loc® (W 6232) Acrylic Masonry Primer/Sealer S4  2nd Coat: Spartasplo® (W 7500) Interior/Exterior Acrylic Semi-Gloss Paint S25  3rd Coat: Spartaglo® (W 7500) Interior/Exterior Acrylic Semi-Gloss Paint S25  3rd Coat: Spartaglo® (W 7500) Interior/Exterior Acrylic Semi-Gloss Paint S25  3rd Coat: Spartaglo® (W 7600) Interior/Exterior Acrylic Gloss Paint S26  3rd Coat: Spartagloss® (W 7600) Interior/Exterior Acrylic Gloss Paint S26  3rd Coat: Spartagloss® (W 7600) Interior/Exterior Acrylic Gloss Paint S26  3rd Coat: Spartagloss® (W 7600) Interior/Exterior Acrylic Gloss Paint S26  3rd Coat: Spartagloss® (W 7600) Interior/Exterior Acrylic Gloss Paint S26  3rd Coat: Spartagloss® (W 7600) Interior/Exterior Acrylic Gloss Paint S26  3rd	1st Coat: Acri-Loc® (W 6232)	Acrylic Masonry Primer/Sealer	S4
Masonry (CMU) Without Block Filler - Flat, Acrylic  1st Coat: Eff-Stop® (W 709)	2nd Coat: Acri-Flat® (W 704)	Exterior Acrylic Wood Stain & Masonry Flat Paint	S3
1st Coat: Eff-Stop® (W 709) Acrylic Masonry Primer/Sealer S10 2nd Coat: Evershield® (W 701) Exterior Acrylic Wood & Masonry Flat Paint S13 3rd Coat: Evershield® (W 701) Exterior Acrylic Wood & Masonry Flat Paint S13 3rd Coat: Evershield® (W 701) Exterior Acrylic Wood & Masonry Flat Paint S13 3rd Coat: Evershield® (W 701) Exterior Acrylic Wood & Masonry Flat Paint S13 3rd Coat: Acri-Loc® (W 6232) Acrylic Masonry Primer/Sealer S4 2nd Coat: Spartasheen® (W 7300) Interior/Exterior Acrylic Low Sheen Paint S27 3rd Coat: Spartasheen® (W 7300) Interior/Exterior Acrylic Low Sheen Paint S27 3rd Coat: Spartasheen® (W 7300) Acrylic Masonry Primer/Sealer S10 2nd Coat: Eff-Stop® (W 709) Acrylic Masonry Primer/Sealer S11 3rd Coat: Enduracryl® (W 705) Exterior Acrylic Low Sheen Paint S11 3rd Coat: Enduracryl® (W 705) Exterior Acrylic Low Sheen Paint S11 3rd Coat: Enduracryl® (W 705) Exterior Acrylic Low Sheen Paint S11 3rd Coat: Enduracryl® (W 705) Acrylic Masonry Primer/Sealer S10 3rd Coat: Acri-Loc® (W 6232) Acrylic Masonry Primer/Sealer S28 3rd Coat: Spartashell® (W 7400) Interior/Exterior Acrylic Eggshell Paint S28 3rd Coat: Spartashell® (W 7400) Interior/Exterior Acrylic Eggshell Paint S28 3rd Coat: Spartashell® (W 7500) Interior/Exterior Acrylic Semi-Gloss Paint S25 3rd Coat: Spartaglo® (W 7500) Interior/Exterior Acrylic Semi-Gloss Paint S25 3rd Coat: Spartaglo® (W 7500) Interior/Exterior Acrylic Semi-Gloss Paint S25 3rd Coat: Spartaglos® (W 7600) Interior/Exterior Acrylic Gloss Paint S26 3rd Coat: Spartagloss® (W 7600) Interior/Exterior Acrylic Gloss Paint S26 3rd Coat: Spartagloss® (W 7600) Interior/Exterior Acrylic Gloss Paint S26 3rd Coat: Spartagloss® (W 7600) Interior/Exterior Acrylic Gloss Paint S26 3rd Coat: Spartagloss® (W 7600) Interior/Exterior Acrylic Gloss Paint S26 3rd Coat: Spartagloss® (W 7600) Interior/Exterior Acrylic Gloss Paint S26 3rd Coat: Spartagloss® (W 7600) Interior/Exterior Acrylic Gloss Paint S26 3rd Coat: Spartagloss® (W 7600) Interior/Exterior Acrylic Gloss Paint S26 3rd Coat: Spartagloss® (	3rd Coat: Acri-Flat® (W 704)	Exterior Acrylic Wood Stain & Masonry Flat Paint	S3
2nd Coat: Evershield® (W 701) Exterior Acrylic Wood & Masonry Flat Paint S13 3rd Coat: Evershield® (W 701) Exterior Acrylic Wood & Masonry Flat Paint S13 3rd Coat: Evershield® (W 701) Exterior Acrylic Wood & Masonry Flat Paint S13  Masonry (CMU) Without Block Filler - Low Sheen, Acrylic  1st Coat: Acri-Loc® (W 6232) Acrylic Masonry Primer/Sealer S4 2nd Coat: Spartasheen® (W 7300) Interior/Exterior Acrylic Low Sheen Paint S27 3rd Coat: Spartasheen® (W 7300) Interior/Exterior Acrylic Low Sheen Paint S27  Masonry (CMU) Without Block Filler - Low Sheen, Acrylic  1st Coat: Eff-Stop® (W 709) Acrylic Masonry Primer/Sealer S10 2nd Coat: Enduracryl® (W 705) Exterior Acrylic Low Sheen Paint S11 3rd Coat: Enduracryl® (W 705) Exterior Acrylic Low Sheen Paint S11  Masonry (CMU) Without Block Filler - Eggshell, Acrylic  1st Coat: Acri-Loc® (W 6232) Acrylic Masonry Primer/Sealer S4 2nd Coat: Spartashell® (W 7400) Interior/Exterior Acrylic Eggshell Paint S28 3rd Coat: Spartashell® (W 7400) Interior/Exterior Acrylic Eggshell Paint S28  Masonry (CMU) Without Block Filler - Semi-Gloss, Acrylic  1st Coat: Acri-Loc® (W 6232) Acrylic Masonry Primer/Sealer S4 2nd Coat: Spartaglo® (W 7500) Interior/Exterior Acrylic Semi-Gloss Paint S25 3rd Coat: Spartaglo® (W 7500) Interior/Exterior Acrylic Semi-Gloss Paint S25 3rd Coat: Spartaglo® (W 7500) Interior/Exterior Acrylic Semi-Gloss Paint S25 3rd Coat: Spartaglos® (W 7500) Interior/Exterior Acrylic Gloss Paint S26 3rd Coat: Spartagloss® (W 7600) Interior/Exterior Acrylic Gloss Paint S26 3rd Coat: Spartagloss® (W 7600) Interior/Exterior Acrylic Gloss Paint S26 3rd Coat: Spartagloss® (W 7600) Interior/Exterior Acrylic Gloss Paint S26 3rd Coat: Spartagloss® (W 7600) Interior/Exterior Acrylic Gloss Paint S26 3rd Coat: Spartagloss® (W 7600) Interior/Exterior Acrylic Gloss Paint S26 3rd Coat: Spartagloss® (W 7600) Interior/Exterior Acrylic Gloss Paint S26 3rd Coat: Spartagloss® (W 7600) Interior/Exterior Acrylic Gloss Paint S26 3rd Coat: Spartagloss® (W 7600) Interior/Exterior Acrylic Gloss Paint	Masonry (CMU) Without Block Filler -	Flat, Acrylic	
3rd Coat: Evershield® (W 701)Exterior Acrylic Wood & Masonry Flat Paint\$13Masonry (CMU) Without Block Filler - Low Sheen, Acrylic1st Coat: Acri-Loc® (W 6232)Acrylic Masonry Primer/Sealer\$42nd Coat: Spartasheen® (W 7300)Interior/Exterior Acrylic Low Sheen Paint\$273rd Coat: Spartasheen® (W 7300)Interior/Exterior Acrylic Low Sheen Paint\$27Masonry (CMU) Without Block Filler - Low Sheen, Acrylic1st Coat: Eff-Stop® (W 709)Acrylic Masonry Primer/Sealer\$102nd Coat: Enduracryl® (W 705)Exterior Acrylic Low Sheen Paint\$113rd Coat: Enduracryl® (W 705)Exterior Acrylic Low Sheen Paint\$11Masonry (CMU) Without Block Filler - Eggshell, Acrylic1st Coat: Acri-Loc® (W 6232)Acrylic Masonry Primer/Sealer\$42nd Coat: Spartashell® (W 7400)Interior/Exterior Acrylic Eggshell Paint\$283rd Coat: Spartashell® (W 7400)Interior/Exterior Acrylic Eggshell Paint\$28Masonry (CMU) Without Block Filler - Semi-Gloss, Acrylic1st Coat: Acri-Loc® (W 6232)Acrylic Masonry Primer/Sealer\$42nd Coat: Spartaglo® (W 7500)Interior/Exterior Acrylic Semi-Gloss Paint\$253rd Coat: Spartaglo® (W 7500)Interior/Exterior Acrylic Semi-Gloss Paint\$25Masonry (CMU) Without Block Filler - Gloss, Acrylic1st Coat: Acri-Loc® (W 6232)Acrylic Masonry Primer/Sealer\$42nd Coat: Spartagloss® (W 7600)Interior/Exterior Acrylic Gloss Paint\$263rd Coat: Spartagloss® (W 7600)Interior/Exterior Acrylic Gloss Paint\$26Wood - F	1st Coat: Eff-Stop® (W 709)	Acrylic Masonry Primer/Sealer	S10
Masonry (CMU) Without Block Filler - Low Sheen, Acrylic  1st Coat: Acri-Loc® (W 6232)  Acrylic Masonry Primer/Sealer  S4  2nd Coat: Spartasheen® (W 7300)  Interior/Exterior Acrylic Low Sheen Paint  S27  3rd Coat: Spartasheen® (W 7300)  Interior/Exterior Acrylic Low Sheen Paint  S27  Masonry (CMU) Without Block Filler - Low Sheen, Acrylic  1st Coat: Eff-Stop® (W 709)  Acrylic Masonry Primer/Sealer  S10  2nd Coat: Enduracryl® (W 705)  Exterior Acrylic Low Sheen Paint  S11  3rd Coat: Enduracryl® (W 705)  Exterior Acrylic Low Sheen Paint  S11  Masonry (CMU) Without Block Filler - Eggshell, Acrylic  1st Coat: Acri-Loc® (W 6232)  Acrylic Masonry Primer/Sealer  S4  2nd Coat: Spartashell® (W 7400)  Interior/Exterior Acrylic Eggshell Paint  S28  Masonry (CMU) Without Block Filler - Semi-Gloss, Acrylic  1st Coat: Acri-Loc® (W 6232)  Acrylic Masonry Primer/Sealer  S4  2nd Coat: Spartashell® (W 7400)  Interior/Exterior Acrylic Eggshell Paint  S28  Masonry (CMU) Without Block Filler - Semi-Gloss, Acrylic  1st Coat: Acri-Loc® (W 6232)  Acrylic Masonry Primer/Sealer  S4  2nd Coat: Spartaglo® (W 7500)  Interior/Exterior Acrylic Semi-Gloss Paint  S25  3rd Coat: Spartaglo® (W 7500)  Interior/Exterior Acrylic Semi-Gloss Paint  S25  Masonry (CMU) Without Block Filler - Gloss, Acrylic  1st Coat: Acri-Loc® (W 6232)  Acrylic Masonry Primer/Sealer  S4  2nd Coat: Spartagloss® (W 7600)  Interior/Exterior Acrylic Gloss Paint  S26  3rd Coat: Spartagloss® (W 7600)  Interior/Exterior Acrylic Gloss Paint  S26  3rd Coat: Spartagloss® (W 7600)  Interior/Exterior Acrylic Gloss Paint  S26  3rd Coat: Spartagloss® (W 7600)  Interior/Exterior Acrylic Gloss Paint  S26  3rd Coat: Spartagloss® (W 7600)  Interior/Exterior Acrylic Gloss Paint  S26  3rd Coat: Spartagloss® (W 7600)  Interior/Exterior Acrylic Gloss Paint  S26  3rd Coat: Spartagloss® (W 7600)  Interior/Exterior Acrylic Gloss Paint  S27  S26  S27  S28  S28  S29  S29  S29  S29  S29  S29	2nd Coat: Evershield® (W 701)	Exterior Acrylic Wood & Masonry Flat Paint	S13
Acrylic Masonry Primer/Sealer  2nd Coat: Spartasheen® (W 7300)  Interior/Exterior Acrylic Low Sheen Paint  S27  3rd Coat: Spartasheen® (W 7300)  Interior/Exterior Acrylic Low Sheen Paint  S27  Masonry (CMU) Without Block Filler - Low Sheen, Acrylic  1st Coat: Eff-Stop® (W 709)  Acrylic Masonry Primer/Sealer  S10  2nd Coat: Enduracryl® (W 705)  Exterior Acrylic Low Sheen Paint  S11  3rd Coat: Enduracryl® (W 705)  Exterior Acrylic Low Sheen Paint  S11  Masonry (CMU) Without Block Filler - Eggshell, Acrylic  1st Coat: Acri-Loc® (W 6232)  Acrylic Masonry Primer/Sealer  S4  2nd Coat: Spartashell® (W 7400)  Interior/Exterior Acrylic Eggshell Paint  S28  Masonry (CMU) Without Block Filler - Semi-Gloss, Acrylic  1st Coat: Acri-Loc® (W 6232)  Acrylic Masonry Primer/Sealer  S4  2nd Coat: Spartaglo® (W 7500)  Interior/Exterior Acrylic Semi-Gloss Paint  S25  3rd Coat: Spartaglo® (W 7500)  Interior/Exterior Acrylic Semi-Gloss Paint  S25  Masonry (CMU) Without Block Filler - Gloss, Acrylic  1st Coat: Acri-Loc® (W 6232)  Acrylic Masonry Primer/Sealer  S4  2nd Coat: Spartaglo® (W 7500)  Interior/Exterior Acrylic Semi-Gloss Paint  S25  Masonry (CMU) Without Block Filler - Gloss, Acrylic  1st Coat: Acri-Loc® (W 6232)  Acrylic Masonry Primer/Sealer  S4  2nd Coat: Spartagloss® (W 7600)  Interior/Exterior Acrylic Gloss Paint  S26  3rd Coat: Spartagloss® (W 7600)  Interior/Exterior Acrylic Gloss Paint  S26  3rd Coat: Spartagloss® (W 7600)  Interior/Exterior Acrylic Gloss Paint  S26  Wood - Flat, Acrylic  1st Coat: Acri-Flat® (W 708)  Exterior Acrylic Wood Primer  S14  2nd Coat: Acri-Flat® (W 708)  Exterior Acrylic Wood Primer	3rd Coat: Evershield® (W 701)	Exterior Acrylic Wood & Masonry Flat Paint	S13
2nd Coat: Spartasheen® (W 7300) Interior/Exterior Acrylic Low Sheen Paint S27  3rd Coat: Spartasheen® (W 7300) Interior/Exterior Acrylic Low Sheen Paint S27  Masonry (CMU) Without Block Filler - Low Sheen, Acrylic  1st Coat: Eff-Stop® (W 709) Acrylic Masonry Primer/Sealer S10  2nd Coat: Enduracryl® (W 705) Exterior Acrylic Low Sheen Paint S11  3rd Coat: Enduracryl® (W 705) Exterior Acrylic Low Sheen Paint S11  Masonry (CMU) Without Block Filler - Eggshell, Acrylic  1st Coat: Acri-Loc® (W 6232) Acrylic Masonry Primer/Sealer S4  2nd Coat: Spartashell® (W 7400) Interior/Exterior Acrylic Eggshell Paint S28  3rd Coat: Spartashell® (W 7400) Interior/Exterior Acrylic Eggshell Paint S28  Masonry (CMU) Without Block Filler - Semi-Gloss, Acrylic  1st Coat: Acri-Loc® (W 6232) Acrylic Masonry Primer/Sealer S4  2nd Coat: Spartaglo® (W 7500) Interior/Exterior Acrylic Semi-Gloss Paint S25  3rd Coat: Spartaglo® (W 7500) Interior/Exterior Acrylic Semi-Gloss Paint S25  3rd Coat: Spartaglo® (W 7500) Interior/Exterior Acrylic Semi-Gloss Paint S25  Masonry (CMU) Without Block Filler - Gloss, Acrylic  1st Coat: Acri-Loc® (W 6232) Acrylic Masonry Primer/Sealer S4  2nd Coat: Spartaglos® (W 7600) Interior/Exterior Acrylic Gloss Paint S25  Masonry (CMU) Without Block Filler - Gloss, Acrylic  1st Coat: Acri-Loc® (W 6232) Acrylic Gloss Paint S26  3rd Coat: Spartagloss® (W 7600) Interior/Exterior Acrylic Gloss Paint S26  3rd Coat: Spartagloss® (W 7600) Interior/Exterior Acrylic Gloss Paint S26  3rd Coat: Spartagloss® (W 7600) Interior/Exterior Acrylic Gloss Paint S26  Wood - Flat, Acrylic  1st Coat: Acri-Flat® (W 708) Exterior Acrylic Wood Primer S14  2nd Coat: Acri-Flat® (W 704) Exterior Acrylic Wood Stain & Masonry Flat Paint S3	Masonry (CMU) Without Block Filler - Low Sheen, Acrylic		
3rd Coat: Spartasheen® (W 7300) Interior/Exterior Acrylic Low Sheen Paint S27  Masonry (CMU) Without Block Filler - Low Sheen, Acrylic  1st Coat: Eff-Stop® (W 709) Acrylic Masonry Primer/Sealer S10  2nd Coat: Enduracryl® (W 705) Exterior Acrylic Low Sheen Paint S11  3rd Coat: Enduracryl® (W 705) Exterior Acrylic Low Sheen Paint S11  Masonry (CMU) Without Block Filler - Eggshell, Acrylic  1st Coat: Acri-Loc® (W 6232) Acrylic Masonry Primer/Sealer S4  2nd Coat: Spartashell® (W 7400) Interior/Exterior Acrylic Eggshell Paint S28  3rd Coat: Spartashell® (W 7400) Interior/Exterior Acrylic Eggshell Paint S28  Masonry (CMU) Without Block Filler - Semi-Gloss, Acrylic  1st Coat: Acri-Loc® (W 6232) Acrylic Masonry Primer/Sealer S4  2nd Coat: Spartaglo® (W 7500) Interior/Exterior Acrylic Semi-Gloss Paint S25  3rd Coat: Spartaglo® (W 7500) Interior/Exterior Acrylic Semi-Gloss Paint S25  Masonry (CMU) Without Block Filler - Gloss, Acrylic  1st Coat: Acri-Loc® (W 6232) Acrylic Masonry Primer/Sealer S4  2nd Coat: Spartaglo® (W 7500) Interior/Exterior Acrylic Semi-Gloss Paint S25  Masonry (CMU) Without Block Filler - Gloss, Acrylic  1st Coat: Acri-Loc® (W 6232) Acrylic Masonry Primer/Sealer S4  2nd Coat: Spartagloss® (W 7600) Interior/Exterior Acrylic Gloss Paint S26  3rd Coat: Spartagloss® (W 7600) Interior/Exterior Acrylic Gloss Paint S26  3rd Coat: Spartagloss® (W 7600) Interior/Exterior Acrylic Gloss Paint S26  Wood - Flat, Acrylic  1st Coat: E-Z Prime® (W 708) Exterior Acrylic Wood Primer S14  2nd Coat: Acri-Flat® (W 704) Exterior Acrylic Wood Stain & Masonry Flat Paint S3	1st Coat: Acri-Loc® (W 6232)	Acrylic Masonry Primer/Sealer	S4
Masonry (CMU) Without Block Filler - Low Sheen, Acrylic  1st Coat: Eff-Stop® (W 709)  Acrylic Masonry Primer/Sealer  S10  2nd Coat: Enduracryl® (W 705)  Exterior Acrylic Low Sheen Paint  S11  3rd Coat: Enduracryl® (W 705)  Exterior Acrylic Low Sheen Paint  S11  Masonry (CMU) Without Block Filler - Eggshell, Acrylic  1st Coat: Acri-Loc® (W 6232)  Acrylic Masonry Primer/Sealer  S4  2nd Coat: Spartashell® (W 7400)  Interior/Exterior Acrylic Eggshell Paint  S28  3rd Coat: Spartashell® (W 7400)  Interior/Exterior Acrylic Eggshell Paint  S28  Masonry (CMU) Without Block Filler - Semi-Gloss, Acrylic  1st Coat: Acri-Loc® (W 6232)  Acrylic Masonry Primer/Sealer  S4  2nd Coat: Spartaglo® (W 7500)  Interior/Exterior Acrylic Semi-Gloss Paint  S25  3rd Coat: Spartaglo® (W 7500)  Interior/Exterior Acrylic Semi-Gloss Paint  S25  Masonry (CMU) Without Block Filler - Gloss, Acrylic  1st Coat: Acri-Loc® (W 6232)  Acrylic Masonry Primer/Sealer  S4  2nd Coat: Spartaglo® (W 7500)  Interior/Exterior Acrylic Gloss Paint  S25  Masonry (CMU) Without Block Filler - Gloss, Acrylic  1st Coat: Acri-Loc® (W 6232)  Acrylic Masonry Primer/Sealer  S4  2nd Coat: Spartagloss® (W 7600)  Interior/Exterior Acrylic Gloss Paint  S26  3rd Coat: Spartagloss® (W 7600)  Interior/Exterior Acrylic Gloss Paint  S26  3rd Coat: Spartagloss® (W 7600)  Interior/Exterior Acrylic Gloss Paint  S26  3rd Coat: Spartagloss® (W 7600)  Interior/Exterior Acrylic Gloss Paint  S26  3rd Coat: Spartagloss® (W 7600)  Interior/Exterior Acrylic Gloss Paint  S26  3rd Coat: Spartagloss® (W 7600)  Exterior Acrylic Wood Primer  S14  2nd Coat: Acri-Flat® (W 704)  Exterior Acrylic Wood Stain & Masonry Flat Paint	2nd Coat: Spartasheen® (W 7300)	Interior/Exterior Acrylic Low Sheen Paint	S27
1st Coat: Eff-Stop® (W 709) Acrylic Masonry Primer/Sealer S10 2nd Coat: Enduracryl® (W 705) Exterior Acrylic Low Sheen Paint S11 3rd Coat: Enduracryl® (W 705) Exterior Acrylic Low Sheen Paint S11  Masonry (CMU) Without Block Filler - Eggshell, Acrylic  1st Coat: Acri-Loc® (W 6232) Acrylic Masonry Primer/Sealer S28 2nd Coat: Spartashell® (W 7400) Interior/Exterior Acrylic Eggshell Paint S28 3rd Coat: Spartashell® (W 7400) Interior/Exterior Acrylic Eggshell Paint S28  Masonry (CMU) Without Block Filler - Semi-Gloss, Acrylic  1st Coat: Acri-Loc® (W 6232) Acrylic Masonry Primer/Sealer S4 2nd Coat: Spartaglo® (W 7500) Interior/Exterior Acrylic Semi-Gloss Paint S25 3rd Coat: Spartaglo® (W 7500) Interior/Exterior Acrylic Semi-Gloss Paint S25  Masonry (CMU) Without Block Filler - Gloss, Acrylic  1st Coat: Acri-Loc® (W 6232) Acrylic Masonry Primer/Sealer S4 2nd Coat: Spartaglo® (W 7500) Interior/Exterior Acrylic Gloss Paint S25  Masonry (CMU) Without Block Filler - Gloss, Acrylic  1st Coat: Acri-Loc® (W 6232) Acrylic Masonry Primer/Sealer S4 2nd Coat: Spartagloss® (W 7600) Interior/Exterior Acrylic Gloss Paint S26  3rd Coat: Spartagloss® (W 7600) Interior/Exterior Acrylic Gloss Paint S26  Wood - Flat, Acrylic  1st Coat: E-Z Prime® (W 708) Exterior Acrylic Wood Primer S14 2nd Coat: Acri-Flat® (W 708) Exterior Acrylic Wood Stain & Masonry Flat Paint	3rd Coat: Spartasheen® (W 7300)	Interior/Exterior Acrylic Low Sheen Paint	S27
2nd Coat: Enduracryl® (W 705) Exterior Acrylic Low Sheen Paint S11  3rd Coat: Enduracryl® (W 705) Exterior Acrylic Low Sheen Paint S11  Masonry (CMU) Without Block Filler - Eggshell, Acrylic  1st Coat: Acri-Loc® (W 6232) Acrylic Masonry Primer/Sealer S4  2nd Coat: Spartashell® (W 7400) Interior/Exterior Acrylic Eggshell Paint S28  Masonry (CMU) Without Block Filler - Semi-Gloss, Acrylic  1st Coat: Acri-Loc® (W 6232) Acrylic Masonry Primer/Sealer S4  2nd Coat: Spartaglo® (W 7500) Interior/Exterior Acrylic Semi-Gloss Paint S25  3rd Coat: Spartaglo® (W 7500) Interior/Exterior Acrylic Semi-Gloss Paint S25  Masonry (CMU) Without Block Filler - Gloss, Acrylic  1st Coat: Acri-Loc® (W 6232) Acrylic Masonry Primer/Sealer S4  2nd Coat: Spartaglo® (W 7500) Interior/Exterior Acrylic Semi-Gloss Paint S25  Masonry (CMU) Without Block Filler - Gloss, Acrylic  1st Coat: Acri-Loc® (W 6232) Acrylic Masonry Primer/Sealer S4  2nd Coat: Spartagloss® (W 7600) Interior/Exterior Acrylic Gloss Paint S26  3rd Coat: Spartagloss® (W 7600) Interior/Exterior Acrylic Gloss Paint S26  Wood - Flat, Acrylic  1st Coat: E-Z Prime® (W 708) Exterior Acrylic Wood Primer S14  2nd Coat: Acri-Flat® (W 704) Exterior Acrylic Wood Stain & Masonry Flat Paint S3	Masonry (CMU) Without Block Filler -	Low Sheen, Acrylic	
3rd Coat: Enduracryl® (W 705)Exterior Acrylic Low Sheen PaintS11Masonry (CMU) Without Block Filler - Eggshell, Acrylic1st Coat: Acri-Loc® (W 6232)Acrylic Masonry Primer/SealerS42nd Coat: Spartashell® (W 7400)Interior/Exterior Acrylic Eggshell PaintS283rd Coat: Spartashell® (W 7400)Interior/Exterior Acrylic Eggshell PaintS28Masonry (CMU) Without Block Filler - Semi-Gloss, Acrylic1st Coat: Acri-Loc® (W 6232)Acrylic Masonry Primer/SealerS42nd Coat: Spartaglo® (W 7500)Interior/Exterior Acrylic Semi-Gloss PaintS253rd Coat: Spartaglo® (W 7500)Interior/Exterior Acrylic Semi-Gloss PaintS25Masonry (CMU) Without Block Filler - Gloss, Acrylic1st Coat: Acri-Loc® (W 6232)Acrylic Masonry Primer/SealerS42nd Coat: Spartagloss® (W 7600)Interior/Exterior Acrylic Gloss PaintS263rd Coat: Spartagloss® (W 7600)Interior/Exterior Acrylic Gloss PaintS26Wood - Flat, AcrylicS26Wood - Flat, AcrylicExterior Acrylic Wood PrimerS142nd Coat: Acri-Flat® (W 708)Exterior Acrylic Wood Stain & Masonry Flat PaintS3	1st Coat: Eff-Stop® (W 709)	Acrylic Masonry Primer/Sealer	S10
Masonry (CMU) Without Block Filler - Eggshell, Acrylic  1st Coat: Acri-Loc® (W 6232)	2nd Coat: Enduracryl® (W 705)	Exterior Acrylic Low Sheen Paint	S11
1st Coat: Acri-Loc® (W 6232) Acrylic Masonry Primer/Sealer S28 2nd Coat: Spartashell® (W 7400) Interior/Exterior Acrylic Eggshell Paint S28 Masonry (CMU) Without Block Filler - Semi-Gloss, Acrylic 1st Coat: Acri-Loc® (W 6232) Acrylic Masonry Primer/Sealer S4 2nd Coat: Spartaglo® (W 7500) Interior/Exterior Acrylic Semi-Gloss Paint S25 3rd Coat: Spartaglo® (W 7500) Interior/Exterior Acrylic Semi-Gloss Paint S25 Masonry (CMU) Without Block Filler - Gloss, Acrylic 1st Coat: Acri-Loc® (W 6232) Acrylic Masonry Primer/Sealer S25 Masonry (CMU) Without Block Filler - Gloss, Acrylic 1st Coat: Acri-Loc® (W 6232) Acrylic Masonry Primer/Sealer S4 2nd Coat: Spartagloss® (W 7600) Interior/Exterior Acrylic Gloss Paint S26 3rd Coat: Spartagloss® (W 7600) Interior/Exterior Acrylic Gloss Paint S26 Wood - Flat, Acrylic 1st Coat: E-Z Prime® (W 708) Exterior Acrylic Wood Primer S14 2nd Coat: Acri-Flat® (W 704) Exterior Acrylic Wood Stain & Masonry Flat Paint S3	3rd Coat: Enduracryl® (W 705)	Exterior Acrylic Low Sheen Paint	S11
2nd Coat: Spartashell® (W 7400) Interior/Exterior Acrylic Eggshell Paint S28 3rd Coat: Spartashell® (W 7400) Interior/Exterior Acrylic Eggshell Paint S28 Masonry (CMU) Without Block Filler - Semi-Gloss, Acrylic  1st Coat: Acri-Loc® (W 6232) Acrylic Masonry Primer/Sealer S4 2nd Coat: Spartaglo® (W 7500) Interior/Exterior Acrylic Semi-Gloss Paint S25 3rd Coat: Spartaglo® (W 7500) Interior/Exterior Acrylic Semi-Gloss Paint S25 Masonry (CMU) Without Block Filler - Gloss, Acrylic 1st Coat: Acri-Loc® (W 6232) Acrylic Masonry Primer/Sealer S4 2nd Coat: Spartagloss® (W 7600) Interior/Exterior Acrylic Gloss Paint S26 3rd Coat: Spartagloss® (W 7600) Interior/Exterior Acrylic Gloss Paint S26 Wood - Flat, Acrylic 1st Coat: E-Z Prime® (W 708) Exterior Acrylic Wood Primer S14 2nd Coat: Acri-Flat® (W 704) Exterior Acrylic Wood Stain & Masonry Flat Paint S3	Masonry (CMU) Without Block Filler -	Eggshell, Acrylic	
3rd Coat: Spartashell® (W 7400)Interior/Exterior Acrylic Eggshell PaintS28Masonry (CMU) Without Block Filler - Semi-Gloss, Acrylic1st Coat: Acri-Loc® (W 6232)Acrylic Masonry Primer/SealerS42nd Coat: Spartaglo® (W 7500)Interior/Exterior Acrylic Semi-Gloss PaintS253rd Coat: Spartaglo® (W 7500)Interior/Exterior Acrylic Semi-Gloss PaintS25Masonry (CMU) Without Block Filler - Gloss, AcrylicS41st Coat: Acri-Loc® (W 6232)Acrylic Masonry Primer/SealerS42nd Coat: Spartagloss® (W 7600)Interior/Exterior Acrylic Gloss PaintS263rd Coat: Spartagloss® (W 7600)Interior/Exterior Acrylic Gloss PaintS26Wood - Flat, AcrylicS261st Coat: E-Z Prime® (W 708)Exterior Acrylic Wood PrimerS142nd Coat: Acri-Flat® (W 704)Exterior Acrylic Wood Stain & Masonry Flat PaintS3	1st Coat: Acri-Loc® (W 6232)	Acrylic Masonry Primer/Sealer	S4
Masonry (CMU) Without Block Filler - Semi-Gloss, Acrylic  1st Coat: Acri-Loc® (W 6232) Acrylic Masonry Primer/Sealer S4  2nd Coat: Spartaglo® (W 7500) Interior/Exterior Acrylic Semi-Gloss Paint S25  3rd Coat: Spartaglo® (W 7500) Interior/Exterior Acrylic Semi-Gloss Paint S25  Masonry (CMU) Without Block Filler - Gloss, Acrylic  1st Coat: Acri-Loc® (W 6232) Acrylic Masonry Primer/Sealer S4  2nd Coat: Spartagloss® (W 7600) Interior/Exterior Acrylic Gloss Paint S26  3rd Coat: Spartagloss® (W 7600) Interior/Exterior Acrylic Gloss Paint S26  Wood - Flat, Acrylic  1st Coat: E-Z Prime® (W 708) Exterior Acrylic Wood Primer S14  2nd Coat: Acri-Flat® (W 704) Exterior Acrylic Wood Stain & Masonry Flat Paint S3	2nd Coat: Spartashell® (W 7400)	Interior/Exterior Acrylic Eggshell Paint	S28
1st Coat: Acri-Loc® (W 6232) Acrylic Masonry Primer/Sealer S4  2nd Coat: Spartaglo® (W 7500) Interior/Exterior Acrylic Semi-Gloss Paint S25  3rd Coat: Spartaglo® (W 7500) Interior/Exterior Acrylic Semi-Gloss Paint S25  Masonry (CMU) Without Block Filler - Gloss, Acrylic  1st Coat: Acri-Loc® (W 6232) Acrylic Masonry Primer/Sealer S4  2nd Coat: Spartagloss® (W 7600) Interior/Exterior Acrylic Gloss Paint S26  3rd Coat: Spartagloss® (W 7600) Interior/Exterior Acrylic Gloss Paint S26  Wood - Flat, Acrylic  1st Coat: E-Z Prime® (W 708) Exterior Acrylic Wood Primer S14  2nd Coat: Acri-Flat® (W 704) Exterior Acrylic Wood Stain & Masonry Flat Paint S3	3rd Coat: Spartashell® (W 7400)	Interior/Exterior Acrylic Eggshell Paint	S28
2nd Coat: Spartaglo® (W 7500)Interior/Exterior Acrylic Semi-Gloss PaintS253rd Coat: Spartaglo® (W 7500)Interior/Exterior Acrylic Semi-Gloss PaintS25Masonry (CMU) Without Block Filler - Gloss, AcrylicS41st Coat: Acri-Loc® (W 6232)Acrylic Masonry Primer/SealerS42nd Coat: Spartagloss® (W 7600)Interior/Exterior Acrylic Gloss PaintS263rd Coat: Spartagloss® (W 7600)Interior/Exterior Acrylic Gloss PaintS26Wood - Flat, AcrylicExterior Acrylic Wood PrimerS142nd Coat: Acri-Flat® (W 704)Exterior Acrylic Wood Stain & Masonry Flat PaintS3	<b>Masonry (CMU) Without Block Filler -</b>	Semi-Gloss, Acrylic	
3rd Coat: Spartaglo® (W 7500)  Interior/Exterior Acrylic Semi-Gloss Paint  S25  Masonry (CMU) Without Block Filler - Gloss, Acrylic  1st Coat: Acri-Loc® (W 6232)  Acrylic Masonry Primer/Sealer  S4  2nd Coat: Spartagloss® (W 7600)  Interior/Exterior Acrylic Gloss Paint  S26  3rd Coat: Spartagloss® (W 7600)  Interior/Exterior Acrylic Gloss Paint  S26  Wood - Flat, Acrylic  1st Coat: E-Z Prime® (W 708)  Exterior Acrylic Wood Primer  S14  2nd Coat: Acri-Flat® (W 704)  Exterior Acrylic Wood Stain & Masonry Flat Paint  S3	1st Coat: Acri-Loc® (W 6232)	Acrylic Masonry Primer/Sealer	S4
Masonry (CMU) Without Block Filler - Gloss, Acrylic  1st Coat: Acri-Loc® (W 6232)	2nd Coat: Spartaglo® (W 7500)	Interior/Exterior Acrylic Semi-Gloss Paint	S25
1st Coat: Acri-Loc® (W 6232)Acrylic Masonry Primer/SealerS42nd Coat: Spartagloss® (W 7600)Interior/Exterior Acrylic Gloss PaintS263rd Coat: Spartagloss® (W 7600)Interior/Exterior Acrylic Gloss PaintS26Wood - Flat, AcrylicExterior Acrylic Wood PrimerS141st Coat: E-Z Prime® (W 708)Exterior Acrylic Wood Stain & Masonry Flat PaintS3	3rd Coat: Spartaglo® (W 7500)	Interior/Exterior Acrylic Semi-Gloss Paint	S25
2nd Coat: Spartagloss® (W 7600)Interior/Exterior Acrylic Gloss PaintS263rd Coat: Spartagloss® (W 7600)Interior/Exterior Acrylic Gloss PaintS26Wood - Flat, AcrylicS261st Coat: E-Z Prime® (W 708)Exterior Acrylic Wood PrimerS142nd Coat: Acri-Flat® (W 704)Exterior Acrylic Wood Stain & Masonry Flat PaintS3	Masonry (CMU) Without Block Filler -	Gloss, Acrylic	
3rd Coat: Spartagloss® (W 7600)Interior/Exterior Acrylic Gloss Paint\$26Wood - Flat, AcrylicExterior Acrylic Wood Primer1st Coat: E-Z Prime® (W 708)Exterior Acrylic Wood Primer\$142nd Coat: Acri-Flat® (W 704)Exterior Acrylic Wood Stain & Masonry Flat Paint\$3	1st Coat: Acri-Loc® (W 6232)	Acrylic Masonry Primer/Sealer	S4
Wood - Flat, Acrylic  1st Coat: E-Z Prime® (W 708) Exterior Acrylic Wood Primer S14  2nd Coat: Acri-Flat® (W 704) Exterior Acrylic Wood Stain & Masonry Flat Paint S3	2nd Coat: Spartagloss® (W 7600)	Interior/Exterior Acrylic Gloss Paint	S26
1st Coat: E-Z Prime® (W 708)Exterior Acrylic Wood PrimerS142nd Coat: Acri-Flat® (W 704)Exterior Acrylic Wood Stain & Masonry Flat PaintS3	3rd Coat: Spartagloss® (W 7600)	Interior/Exterior Acrylic Gloss Paint	S26
2nd Coat: Acri-Flat® (W 704) Exterior Acrylic Wood Stain & Masonry Flat Paint S3	Wood - Flat, Acrylic		
	1st Coat: E-Z Prime® (W 708)	Exterior Acrylic Wood Primer	S14
3rd Coat: Acri-Flat® (W 704) Exterior Acrylic Wood Stain & Masonry Flat Paint S3	2nd Coat: Acri-Flat® (W 704)	Exterior Acrylic Wood Stain & Masonry Flat Paint	S3
	3rd Coat: Acri-Flat® (W 704)	Exterior Acrylic Wood Stain & Masonry Flat Paint	S3

<sup>\*</sup> All products are EG-Free, except where noted.

Wood - Flat, Acrylic		
1st Coat: E-Z Prime® (W 708)	Exterior Acrylic Wood Primer	S14
2nd Coat: Evershield® (W 701)	Exterior Acrylic Wood & Masonry Flat Paint	S13
3rd Coat: Evershield® (W 701)	Exterior Acrylic Wood & Masonry Flat Paint	S13
Wood - Low Sheen, Acrylic		
1st Coat: E-Z Prime® (W 708)	Exterior Acrylic Wood Primer	S14
2nd Coat: Spartasheen® (W 7300)	Interior/Exterior Acrylic Low Sheen Paint	S27
3rd Coat: Spartasheen® (W 7300)	Interior/Exterior Acrylic Low Sheen Paint	S27
Wood - Low Sheen, Acrylic	interior/Exterior Acrylic Low Orlecti Faint	321
1st Coat: E-Z Prime® (W 708)	Exterior Acrylic Wood Primer	S14
2nd Coat: Enduracryl® (W 705)	Exterior Acrylic Wood Frimer  Exterior Acrylic Low Sheen Paint	S14 S11
3rd Coat: Enduracryl® (W 705)	Exterior Acrylic Low Sheen Paint  Exterior Acrylic Low Sheen Paint	S11
Wood - Eggshell, Acrylic	LALGING AGIYING LOVY OHEGHT I MIHL	311
1st Coat: E-Z Prime® (W 708)	Exterior Acrylic Wood Primer	S14
2nd Coat: Spartashell® (W 7400)	Interior/Exterior Acrylic Eggshell Paint	S28
3rd Coat: Spartashell® (W 7400)	Interior/Exterior Acrylic Eggshell Paint	S28
Wood - Semi-Gloss, Acrylic	interior/Exterior Acrylic Eggsheir Faint	320
	Exterior Aprilio Wood Drimor	C1.4
1st Coat: E-Z Prime® (W 708)  2nd Coat: Spartaglo® (W 7500)	Exterior Acrylic Wood Primer Interior/Exterior Acrylic Semi-Gloss Paint	S14 S25
, , ,	Interior/Exterior Acrylic Semi-Gloss Paint  Interior/Exterior Acrylic Semi-Gloss Paint	\$25 \$25
3rd Coat: Spartaglo® (W 7500)	interior/exterior acrylic Senii-Gloss Paint	323
Wood - Gloss, Acrylic	Exterior Aprilio Wood Primor	C1.4
1st Coat: E-Z Prime® (W 708)	Exterior Acrylic Wood Primer	S14
2nd Coat: Spartagloss® (W 7600)	Interior/Exterior Acrylic Gloss Paint	S26 S26
3rd Coat: Spartagloss® (W 7600)	Interior/Exterior Acrylic Gloss Paint	520
Former Marchael Flot Asympton		
Ferrous Metals - Flat, Acrylic	7. V00 M III 0. (	004.04
1st Coat: Sierra Performance Griptec S30**	Zero-VOC Multi-Surface Primer	S21-24
1st Coat: Sierra Performance Griptec S30** 2nd Coat: Acri-Flat® (W 704)	Exterior Acrylic Wood Stain & Masonry Flat Paint	S3
1st Coat: Sierra Performance Griptec S30**  2nd Coat: Acri-Flat® (W 704)  3rd Coat: Acri-Flat® (W 704)		
1st Coat: Sierra Performance Griptec S30** 2nd Coat: Acri-Flat® (W 704) 3rd Coat: Acri-Flat® (W 704) Ferrous Metals - Flat, Acrylic	Exterior Acrylic Wood Stain & Masonry Flat Paint Exterior Acrylic Wood Stain & Masonry Flat Paint	\$3 \$3
1st Coat: Sierra Performance Griptec S30** 2nd Coat: Acri-Flat® (W 704) 3rd Coat: Acri-Flat® (W 704) Ferrous Metals - Flat, Acrylic 1st Coat: Sierra Performance Griptec S30**	Exterior Acrylic Wood Stain & Masonry Flat Paint Exterior Acrylic Wood Stain & Masonry Flat Paint  Zero-VOC Multi-Surface Primer	\$3 \$3 \$3 \$21-24
1st Coat: Sierra Performance Griptec S30**  2nd Coat: Acri-Flat® (W 704)  3rd Coat: Acri-Flat® (W 704)  Ferrous Metals - Flat, Acrylic  1st Coat: Sierra Performance Griptec S30**  2nd Coat: Evershield® (W 701)	Exterior Acrylic Wood Stain & Masonry Flat Paint Exterior Acrylic Wood Stain & Masonry Flat Paint  Zero-VOC Multi-Surface Primer Exterior Acrylic Wood & Masonry Flat Paint	\$3 \$3 \$3 \$21-24 \$13
1st Coat: Sierra Performance Griptec S30**  2nd Coat: Acri-Flat® (W 704)  3rd Coat: Acri-Flat® (W 704)  Ferrous Metals - Flat, Acrylic  1st Coat: Sierra Performance Griptec S30**  2nd Coat: Evershield® (W 701)  3rd Coat: Evershield® (W 701)	Exterior Acrylic Wood Stain & Masonry Flat Paint Exterior Acrylic Wood Stain & Masonry Flat Paint  Zero-VOC Multi-Surface Primer	\$3 \$3 \$3 \$21-24
1st Coat: Sierra Performance Griptec S30**  2nd Coat: Acri-Flat® (W 704)  3rd Coat: Acri-Flat® (W 704)  Ferrous Metals - Flat, Acrylic  1st Coat: Sierra Performance Griptec S30**  2nd Coat: Evershield® (W 701)  3rd Coat: Evershield® (W 701)  Ferrous Metals - Low Sheen, Acrylic	Exterior Acrylic Wood Stain & Masonry Flat Paint Exterior Acrylic Wood Stain & Masonry Flat Paint  Zero-VOC Multi-Surface Primer Exterior Acrylic Wood & Masonry Flat Paint Exterior Acrylic Wood & Masonry Flat Paint	\$3 \$3 \$21-24 \$13 \$13
1st Coat: Sierra Performance Griptec S30**  2nd Coat: Acri-Flat® (W 704)  3rd Coat: Acri-Flat® (W 704)  Ferrous Metals - Flat, Acrylic  1st Coat: Sierra Performance Griptec S30**  2nd Coat: Evershield® (W 701)  3rd Coat: Evershield® (W 701)  Ferrous Metals - Low Sheen, Acrylic  1st Coat: Sierra Performance Griptec S30**	Exterior Acrylic Wood Stain & Masonry Flat Paint Exterior Acrylic Wood Stain & Masonry Flat Paint  Zero-VOC Multi-Surface Primer Exterior Acrylic Wood & Masonry Flat Paint  Exterior Acrylic Wood & Masonry Flat Paint  Zero-VOC Multi-Surface Primer	\$3 \$3 \$21-24 \$13 \$13 \$21-24
1st Coat: Sierra Performance Griptec S30**  2nd Coat: Acri-Flat® (W 704)  3rd Coat: Acri-Flat® (W 704)  Ferrous Metals - Flat, Acrylic  1st Coat: Sierra Performance Griptec S30**  2nd Coat: Evershield® (W 701)  3rd Coat: Evershield® (W 701)  Ferrous Metals - Low Sheen, Acrylic  1st Coat: Sierra Performance Griptec S30**  2nd Coat: Spartasheen® (W 7300)	Exterior Acrylic Wood Stain & Masonry Flat Paint Exterior Acrylic Wood Stain & Masonry Flat Paint  Zero-VOC Multi-Surface Primer Exterior Acrylic Wood & Masonry Flat Paint Exterior Acrylic Wood & Masonry Flat Paint  Zero-VOC Multi-Surface Primer Interior/Exterior Acrylic Low Sheen Paint	\$3 \$3 \$21-24 \$13 \$13 \$21-24 \$27
1st Coat: Sierra Performance Griptec S30**  2nd Coat: Acri-Flat® (W 704)  3rd Coat: Acri-Flat® (W 704)  Ferrous Metals - Flat, Acrylic  1st Coat: Sierra Performance Griptec S30**  2nd Coat: Evershield® (W 701)  3rd Coat: Evershield® (W 701)  Ferrous Metals - Low Sheen, Acrylic  1st Coat: Sierra Performance Griptec S30**  2nd Coat: Spartasheen® (W 7300)  3rd Coat: Spartasheen® (W 7300)	Exterior Acrylic Wood Stain & Masonry Flat Paint Exterior Acrylic Wood Stain & Masonry Flat Paint  Zero-VOC Multi-Surface Primer Exterior Acrylic Wood & Masonry Flat Paint  Exterior Acrylic Wood & Masonry Flat Paint  Zero-VOC Multi-Surface Primer	\$3 \$3 \$21-24 \$13 \$13 \$21-24
1st Coat: Sierra Performance Griptec S30**  2nd Coat: Acri-Flat® (W 704)  3rd Coat: Acri-Flat® (W 704)  Ferrous Metals - Flat, Acrylic  1st Coat: Sierra Performance Griptec S30**  2nd Coat: Evershield® (W 701)  3rd Coat: Evershield® (W 701)  Ferrous Metals - Low Sheen, Acrylic  1st Coat: Sierra Performance Griptec S30**  2nd Coat: Spartasheen® (W 7300)  3rd Coat: Spartasheen® (W 7300)  Ferrous Metals - Low Sheen, Acrylic	Exterior Acrylic Wood Stain & Masonry Flat Paint  Exterior Acrylic Wood Stain & Masonry Flat Paint  Zero-VOC Multi-Surface Primer  Exterior Acrylic Wood & Masonry Flat Paint  Exterior Acrylic Wood & Masonry Flat Paint  Zero-VOC Multi-Surface Primer  Interior/Exterior Acrylic Low Sheen Paint  Interior/Exterior Acrylic Low Sheen Paint	\$3 \$3 \$21-24 \$13 \$13 \$21-24 \$27 \$27
1st Coat: Sierra Performance Griptec S30**  2nd Coat: Acri-Flat® (W 704)  3rd Coat: Acri-Flat® (W 704)  Ferrous Metals - Flat, Acrylic  1st Coat: Sierra Performance Griptec S30**  2nd Coat: Evershield® (W 701)  3rd Coat: Evershield® (W 701)  Ferrous Metals - Low Sheen, Acrylic  1st Coat: Sierra Performance Griptec S30**  2nd Coat: Spartasheen® (W 7300)  3rd Coat: Spartasheen® (W 7300)  Ferrous Metals - Low Sheen, Acrylic  1st Coat: Sierra Performance Griptec S30**	Exterior Acrylic Wood Stain & Masonry Flat Paint  Exterior Acrylic Wood Stain & Masonry Flat Paint  Zero-VOC Multi-Surface Primer  Exterior Acrylic Wood & Masonry Flat Paint  Exterior Acrylic Wood & Masonry Flat Paint  Zero-VOC Multi-Surface Primer  Interior/Exterior Acrylic Low Sheen Paint  Interior/Exterior Acrylic Low Sheen Paint  Zero-VOC Multi-Surface Primer	\$3 \$3 \$21-24 \$13 \$13 \$21-24 \$27 \$27 \$27
1st Coat: Sierra Performance Griptec S30**  2nd Coat: Acri-Flat® (W 704)  3rd Coat: Acri-Flat® (W 704)  Ferrous Metals - Flat, Acrylic  1st Coat: Sierra Performance Griptec S30**  2nd Coat: Evershield® (W 701)  3rd Coat: Evershield® (W 701)  Ferrous Metals - Low Sheen, Acrylic  1st Coat: Sierra Performance Griptec S30**  2nd Coat: Spartasheen® (W 7300)  3rd Coat: Spartasheen® (W 7300)  Ferrous Metals - Low Sheen, Acrylic	Exterior Acrylic Wood Stain & Masonry Flat Paint  Exterior Acrylic Wood Stain & Masonry Flat Paint  Zero-VOC Multi-Surface Primer  Exterior Acrylic Wood & Masonry Flat Paint  Exterior Acrylic Wood & Masonry Flat Paint  Zero-VOC Multi-Surface Primer  Interior/Exterior Acrylic Low Sheen Paint  Interior/Exterior Acrylic Low Sheen Paint	\$3 \$3 \$21-24 \$13 \$13 \$21-24 \$27 \$27

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Formario Motolo - Funchell - Asmilia		
Ferrous Metals - Eggshell, Acrylic	Zana MOO Malli Ourfana Priman	004.04
1st Coat: Sierra Performance Griptec S30**	Zero-VOC Multi-Surface Primer	S21-24
2nd Coat: Spartashell® (W 7400)	Interior/Exterior Acrylic Eggshell Paint	S28
3rd Coat: Spartashell® (W 7400)	Interior/Exterior Acrylic Eggshell Paint	S28
Ferrous Metals - Semi-Gloss, Acrylic		
1st Coat: Sierra Performance Griptec S30**	Zero-VOC Multi-Surface Primer	S21-24
2nd Coat: Spartaglo® (W 7500)	Interior/Exterior Acrylic Semi-Gloss Paint	S25
3rd Coat: Spartaglo® (W 7500)	Interior/Exterior Acrylic Semi-Gloss Paint	S25
Ferrous Metals - Gloss, Acrylic		,
1st Coat: Sierra Performance Griptec S30**	Zero-VOC Multi-Surface Primer	S21-24
2nd Coat: Spartagloss® (W 7600)	Interior/Exterior Acrylic Gloss Paint	S26
3rd Coat: Spartagloss® (W 7600)	Interior/Exterior Acrylic Gloss Paint	S26
Ferrous Metals - Gloss, Aliphatic Poly	urethane	
1st Coat: Genesis Coatings – GCR 47**	Waterborne Acrylic Primer	S15
2nd Coat: Genesis Coatings – GCP 1000**	Zero-VOC Gloss Polyurethane	S16
3rd Coat: Genesis Coatings – GCP 1000**	Zero-VOC Gloss Polyurethane	S16
Non-Ferrous Metals - Flat, Acrylic		
1st Coat: Ultra-Grip® (W 715)	Acrylic Multi-Purpose Primer	S30
2nd Coat: Acri-Flat® (W 704)	Exterior Acrylic Wood Stain & Masonry Flat Paint	S3
3rd Coat: Acri-Flat® (W 704)	Exterior Acrylic Wood Stain & Masonry Flat Paint	S3
Non-Ferrous Metals - Flat, Acrylic		
1st Coat: Ultra-Grip® (W 715)	Acrylic Multi-Purpose Primer	S30
2nd Coat: Evershield® (W 701)	Exterior Acrylic Wood & Masonry Flat Paint	S13
3rd Coat: Evershield® (W 701)	Exterior Acrylic Wood & Masonry Flat Paint	S13
Non-Ferrous Metals - Low Sheen, Acry	ylic	
1st Coat: Ultra-Grip® (W 715)	Acrylic Multi-Purpose Primer	S30
2nd Coat: Spartasheen® (W 7300)	Interior/Exterior Acrylic Low Sheen Paint	S27
3rd Coat: Spartasheen® (W 7300)	Interior/Exterior Acrylic Low Sheen Paint	S27
Non-Ferrous Metals - Low Sheen, Acry		
1st Coat: Ultra-Grip® (W 715)	Acrylic Multi-Purpose Primer	S30
2nd Coat: Enduracryl® (W 705)	Exterior Acrylic Low Sheen Paint	S11
3rd Coat: Enduracryl® (W 705)	Exterior Acrylic Low Sheen Paint	S11
Non-Ferrous Metals - Eggshell, Acrylic		
1st Coat: Ultra-Grip® (W 715)	Acrylic Multi-Purpose Primer	S30
2nd Coat: Spartashell® (W 7400)	Interior/Exterior Acrylic Eggshell Paint	S28
3rd Coat: Spartashell® (W 7400)	Interior/Exterior Acrylic Eggshell Paint	S28
Non-Ferrous Metals - Semi-Gloss, Acr	7 33	
1st Coat: Ultra-Grip® (W 715)	Acrylic Multi-Purpose Primer	S30
2nd Coat: Spartaglo® (W 7500)	Interior/Exterior Acrylic Semi-Gloss Paint	S25
3rd Coat: Spartaglo® (W 7500)	Interior/Exterior Acrylic Semi-Gloss Paint	S25
Ju Goal Sparlaulo (W 1300)		

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Non-Ferrous Metals - Gloss, Acrylic		
1st Coat: Ultra-Grip® (W 715)	Acrylic Multi-Purpose Primer	S30
2nd Coat: Spartagloss® (W 7600)	Interior/Exterior Acrylic Gloss Paint	S26
3rd Coat: Spartagloss® (W 7600)	Interior/Exterior Acrylic Gloss Paint	S26
Non-Ferrous Metals - Gloss, Aliphatic Polyurethane		
1st Coat: Genesis Coatings – GCR 47**	Waterborne Acrylic Primer	S15
2nd Coat: Genesis Coatings – GCP 1000**	Zero-VOC Gloss Polyurethane	S16
3rd Coat: Genesis Coatings – GCP 1000**	Zero-VOC Gloss Polyurethane	S16

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# LEED" CALIFORNIA SUPPLEMENT/CHPS

#### LEED™ SUPPLEMENT FOR CALIFORNIA STATE FACILITIES

Created by the State's Sustainable Building Task Force, this document is designed to be used in conjunction with the LEED Green Building System™. It provides information on the California codes, policies, and practices, and it raises the minimum performance standards of various sustainable building elements to levels higher than those established by LEED™.

#### WHAT IS CHPS?

The Collaborative for High Performance Schools, CHPS (often referred to as "chips"), aims to increase the energy efficiency of schools in California by marketing information, services, and incentive programs directly at school districts and designers. The goal is to facilitate the design of high performance schools: environments that are not only energy efficient, but also healthy, comfortable, well lit, and containing the amenities needed for a quality education. More information can be found at <a href="https://www.chps.net">www.chps.net</a>.

#### **HOW IS THIS DONE?**

The CHPS Criteria explicitly defines a High Performance School through performance standards. The system provides a convenient means of identifying a High Performance School and publishes a Best Practices Manual, which is a standard reference for high performance school design in California. Volume I (Planning) is directed to school districts and includes the necessary design planning strategies to build a high performance school. In order to qualify as a CHPS school, it is necessary to attain at least 28 points from the CHPS criteria.

#### WHAT IS SECTION 01 35 00?

This is the model specification that ensures building materials protect the health of building occupants. Designers can achieve points within the CHPS criteria by using these low-emitting products. It is not required by law, but provides best practice guidance. Products listed under Section 09 90 00 (Paint and Coatings) referred to in Section 01 35 00 (Special Procedures) must be tested and approved by a certified independent laboratory. Certification letters follow.

#### Dunn-Edwards has 8 products that are approved for listing in Section 01 35 00 of the CHPS program.

Primers/Sealers		PAGE
Ecoshield™ Primer (W 600)	Low-Odor/Zero-VOC Interior Latex Primer	S6
Ultra-Grip® (W 715)	Acrylic Multi-Purpose Primer (45 g/L)	S30
Vinylastic® (W 101)	Interior Pigmented Sealer (60 g/L)	S31
Flat		
Ecoshield™ Flat (W 601)	Low-Odor/Zero-VOC Interior Latex Flat Paint	S7
Walltone® (W 420)	Interior Latex Flat Paint (35 g/L)	S32
Non-Flat		
Decoglo® (W 450V)	Interior Acrylic Semi-Gloss Paint (150 g/L)	S5
Ecoshield™ Low Sheen (W 602)	Low-Odor/Zero-VOC Interior Latex Low Sheen Paint	S8
Ecoshield™ Semi-Gloss (W 603)	Low-Odor/Zero-VOC Interior Acrylic Semi-Gloss Paint	S9



Air Quality Research and Analysis

815 Harbour Way South, Suite 6 Richmond, CA 94804-3612 Tel: 510-236-2325 Fax: 510-236-2335

November 25, 2003

Mr. Ed Edrosa Product Development Manager Dunn-Edwards Corporation 4885 E. 52<sup>nd</sup> Place Los Angeles, CA 90040

Re: Section 01350 Emission Test Results, Decoglo, W450V

Dear Mr. Edrosa:

Your Decoglo, W450V, interior acrylic semi-gloss paint was tested by our laboratory to determine its emissions of toxic volatile organic chemicals (VOCs) of concern. The test was conducted following the procedures described in Section 01350 of the Material Specifications adopted by the Collaborative for High Performance Schools (CHPS).

Calculations were performed using the parameters given below for a standard classroom to estimate the concentrations of VOCs of concern resulting from the use of your product in a classroom environment. The results of the test and the calculated concentrations for the standard classroom are presented in our attached report, EMIT1050, 11/25/03.

Ventilation Rate	Room Volume	Surface Area Covered by Product
0.90 air changes per hour (volume fraction = 0.9)	231 m <sup>3</sup> or (40x24x8.5 ft = 8,160 ft <sup>3</sup> )	94.6 m <sup>2</sup> of wall area

Your Decoglo, W450V, interior acrylic semi-gloss paint **meets** the Section 01350 requirements for use in a classroom with the above parameters.

Sincerely,

Alfred T. Hodgson Research Director



Air Quality Research and Analysis

815 Harbour Way South, Suite 6 Richmond, CA 94804-3612 Tel: 510-236-2325 Fax: 510-236-2335

December 24, 2003

Mr. Ed Edrosa Product Development Manager Dunn-Edwards Corporation 4885 E. 52<sup>nd</sup> Place Los Angeles, CA 90040

Re: Section 01350 Emission Test Results, Vinylastic, W101

Dear Mr. Edrosa:

Your Vinylastic, W101, interior pigmented sealer was tested by our laboratory to determine its emissions of toxic volatile organic chemicals (VOCs) of concern. The test was conducted following the procedures described in Section 01350 of the Material Specifications adopted by the Collaborative for High Performance Schools (CHPS).

Calculations were performed using the parameters given below for a standard classroom to estimate the concentrations of VOCs of concern resulting from the use of your product in a classroom environment. The results of the test and the calculated concentrations for the standard classroom are presented in our attached report, EMIT1089, 12/24/03.

Ventilation Rate	Room Volume	Surface Area Covered by Product
0.90 air changes per hour (volume fraction = 0.9)	231 m <sup>3</sup> or (40x24x8.5 ft = 8,160 ft <sup>3</sup> )	94.6 m <sup>2</sup> of wall area

Your Vinylastic, W101, interior pigmented sealer **meets** the Section 01350 requirements for use in a classroom with the above parameters.

Sincerely,

Alfred T. Hodgson Research Director

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Air Quality Research and Analysis

815 Harbour Way South, Suite 6 Richmond, CA 94804-3612

Tel: 510-236-2325

Fax: 510-236-2335

December 24, 2003

Mr. Ed Edrosa Product Development Manager Dunn-Edwards Corporation 4885 E. 52<sup>nd</sup> Place Los Angeles, CA 90040

Re: Section 01350 Emission Test Results, Walltone, W420

Dear Mr. Edrosa:

Your Walltone, W420, interior flat paint was tested by our laboratory to determine its emissions of toxic volatile organic chemicals (VOCs) of concern. The test was conducted following the procedures described in Section 01350 of the Material Specifications adopted by the Collaborative for High Performance Schools (CHPS).

Calculations were performed using the parameters given below for a standard classroom to estimate the concentrations of VOCs of concern resulting from the use of your product in a classroom environment. The results of the test and the calculated concentrations for the standard classroom are presented in our attached report, EMIT1087, 12/23/03.

Ventilation Rate	Room Volume	Surface Area Covered by Product
0.90 air changes per hour (volume fraction = 0.9)	231 m <sup>3</sup> or (40x24x8.5 ft = 8,160 ft <sup>3</sup> )	94.6 m <sup>2</sup> of wall area

Your Walltone, W420, interior flat paint **meets** the Section 01350 requirements for use in a classroom with the above parameters.

Sincerely,

Alfred T. Hodgson Research Director



Air Quality Research and Analysis

815 Harbour Way South, Suite 6 Richmond, CA 94804-3612 Tel: 510-236-2325 Fax: 510-236-2335

December 24, 2003

Mr. Ed Edrosa Product Development Manager Dunn-Edwards Corporation 4885 E. 52<sup>nd</sup> Place Los Angeles, CA 90040

Re: Section 01350 Emission Test Results, Ultra-Grip, W715

Dear Mr. Edrosa:

Your Ultra-Grip, W715, interior multi-purpose primer was tested by our laboratory to determine its emissions of toxic volatile organic chemicals (VOCs) of concern. The test was conducted following the procedures described in Section 01350 of the Material Specifications adopted by the Collaborative for High Performance Schools (CHPS).

Calculations were performed using the parameters given below for a standard classroom to estimate the concentrations of VOCs of concern resulting from the use of your product in a classroom environment. The results of the test and the calculated concentrations for the standard classroom are presented in our attached report, EMIT1088, 12/24/03.

Ventilation Rate	Room Volume	Surface Area Covered by Product
0.90 air changes per hour (volume fraction = 0.9)	231 m <sup>3</sup> or (40x24x8.5 ft = 8,160 ft <sup>3</sup> )	94.6 m <sup>2</sup> of wall area

Your Ultra-Grip, W715, interior multi-purpose primer **meets** the Section 01350 requirements for use in a classroom with the above parameters.

Sincerely,

Alfred T. Hodgson Research Director

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Air Quality Research and Analysis

815 Harbour Way South, Suite 6 Richmond, CA 94804-3612

Tel: 510-236-2325

Fax: 510-236-2335

May 25, 2005

Mr. Ed Edrosa Product Development Manager Dunn-Edwards Corporation 4885 E. 52<sup>nd</sup> Place Los Angeles, CA 90040

Re: Section 01350 Emission Test Results, Ecoshield Primer, W600

Dear Mr. Edrosa:

Your Ecoshield W600, interior latex primer, paint was tested by our laboratory to determine its emissions of toxic volatile organic chemicals (VOCs) of concern. The test was conducted following the procedures described in Section 01350 of the Material Specifications adopted by the Collaborative for High Performance Schools (CHPS).

Calculations were performed using the parameters given below for a standard classroom to estimate the concentrations of VOCs of concern resulting from the use of your product in a classroom environment. The results of the test and the calculated concentrations for the standard classroom are presented in our attached report, EMIT1217, 5/24/05.

Ventilation Rate	Room Volume	Surface Area Covered by Product
0.90 air changes per hour (volume fraction = 0.9)	231 m <sup>3</sup> or (40x24x8.5 ft = 8,160 ft <sup>3</sup> )	94.6 m <sup>2</sup> of wall area

Your Ecoshield W600, interior latex primer, paint **meets** the Section 01350 requirements for use in a classroom with the above parameters.

Sincerely,

Raja S. Tannous Laboratory Director



Air Quality Research and Analysis

815 Harbour Way South, Suite 6 Richmond, CA 94804-3612

Tel: 510-

510-236-2325

Fax: 510-236-2335

May 25, 2005

Mr. Ed Edrosa Product Development Manager Dunn-Edwards Corporation 4885 E. 52<sup>nd</sup> Place Los Angeles, CA 90040

Re: Section 01350 Emission Test Results, Ecoshield Flat, W601

Dear Mr. Edrosa:

Your Ecoshield W601, interior latex flat, paint was tested by our laboratory to determine its emissions of toxic volatile organic chemicals (VOCs) of concern. The test was conducted following the procedures described in Section 01350 of the Material Specifications adopted by the Collaborative for High Performance Schools (CHPS).

Calculations were performed using the parameters given below for a standard classroom to estimate the concentrations of VOCs of concern resulting from the use of your product in a classroom environment. The results of the test and the calculated concentrations for the standard classroom are presented in our attached report, EMIT1218, 5/24/05.

Ventilation Rate	Room Volume	Surface Area Covered by Product
0.90 air changes per hour (volume fraction = 0.9)	231 m <sup>3</sup> or (40x24x8.5 ft = 8,160 ft <sup>3</sup> )	94.6 m <sup>2</sup> of wall area

Your Ecoshield W601, interior latex flat, paint **meets** the Section 01350 requirements for use in a classroom with the above parameters.

Sincerely,

Raja S. Tannous

Laboratory Director



Air Quality Research and Analysis

815 Harbour Way South, Suite 6 Richmond, CA 94804-3612

Tel: 510-236-2325 Fax: 510-236-2335

May 25, 2005

Mr. Ed Edrosa Product Development Manager Dunn-Edwards Corporation 4885 E. 52<sup>nd</sup> Place Los Angeles, CA 90040

Re: Section 01350 Emission Test Results, Ecoshield Low Sheen, W602

Dear Mr. Edrosa:

Your Ecoshield W602, interior latex low sheen, paint was tested by our laboratory to determine its emissions of toxic volatile organic chemicals (VOCs) of concern. The test was conducted following the procedures described in Section 01350 of the Material Specifications adopted by the Collaborative for High Performance Schools (CHPS).

Calculations were performed using the parameters given below for a standard classroom to estimate the concentrations of VOCs of concern resulting from the use of your product in a classroom environment. The results of the test and the calculated concentrations for the standard classroom are presented in our attached report, EMIT1219, 5/24/05.

Ventilation Rate	Room Volume	Surface Area Covered by Product
0.90 air changes per hour (volume fraction = 0.9)	231 m <sup>3</sup> or (40x24x8.5 ft = 8,160 ft <sup>3</sup> )	94.6 m <sup>2</sup> of wall area

Your Ecoshield W602, interior latex low sheen, paint **meets** the Section 01350 requirements for use in a classroom with the above parameters.

Sincerely,

Raja S. Tannous Laboratory Director



#### **Berkeley Analytical Associates**

Air Quality Research and Analysis

815 Harbour Way South, Suite 6 Richmond, CA 94804-3612

Tel: 510-236-2325 Fax: 510-236-2335

May 25, 2005

Mr. Ed Edrosa Product Development Manager Dunn-Edwards Corporation 4885 E. 52<sup>nd</sup> Place Los Angeles, CA 90040

Re: Section 01350 Emission Test Results, Ecoshield Semi-Gloss, W603

Dear Mr. Edrosa:

Your Ecoshield W603, interior acrylic semi-gloss, paint was tested by our laboratory to determine its emissions of toxic volatile organic chemicals (VOCs) of concern. The test was conducted following the procedures described in Section 01350 of the Material Specifications adopted by the Collaborative for High Performance Schools (CHPS).

Calculations were performed using the parameters given below for a standard classroom to estimate the concentrations of VOCs of concern resulting from the use of your product in a classroom environment. The results of the test and the calculated concentrations for the standard classroom are presented in our attached report, EMIT1220, 5/24/05.

Ventilation Rate	Room Volume	Surface Area Covered by Product
0.90 air changes per hour (volume fraction = 0.9)	231 m <sup>3</sup> or (40x24x8.5 ft = 8,160 ft <sup>3</sup> )	94.6 m <sup>2</sup> of wall area

Your Ecoshield W603, interior acrylic semi-gloss, paint **meets** the Section 01350 requirements for use in a classroom with the above parameters.

Sincerely,

/Raja S. Tannous Laboratory Director

Attachment: Laboratory report

#### **SECTION 01 35 00**

#### SPECIAL ENVIRONMENTAL REQUIREMENTS

(Note 1)

#### **PART 1 - GENERAL**

#### 1.1 SUMMARY

- A. Section Includes Special Environmental Requirements: Work includes special environmental, sustainable, and "green" building practices related to energy conservation and efficiency, indoor air quality, and resource efficiency, including the following:
  - 1. Special Requirements:
    - a. Require practices to ensure healthy indoor air quality in final project.
    - b. Maximize use of durable products.
    - c. Maximize use of products easy to maintain, repair, and that can be cleaned using non-toxic substances.
    - d. Maximize recycled content in materials, products, and systems.
    - e. Require use of wood that is certified sustainably harvested by the Forest Stewardship Council (FSC).
    - f. Maximize use of reusable and recyclable packaging.
    - g. Maximize use of products with low embodied energy (production, manufacturing, and transportation).
  - Construction team is required to comply with sustainable building practices during construction and when considering materials for substitutions. Refer to Article 1.2 – Design Requirements.

#### B. Related Requirements:

Refer to Specification sections for special environmental requirements for specific products.

- 1. Section 01565: Site Waste Management Program.
- 2. Section 01600: Product Requirements.
- 3. Section 01810: Building Commissioning.
- 4. Section 01820: System Demonstration.

#### 1.2 DESIGN REQUIREMENTS (Note 2)

- A. General: Owner has established with design team general environmental goals for design and for construction of Project; Contractor, subcontractors, suppliers, and manufacturers (construction team) are encouraged to participate where possible to realize Owner's environmental goals.
  - 1. Intent is for environmental goals to be achieved in manner that ultimately provides safe and healthy environment for building occupants with minimal impact on local, regional and global environment.
  - 2. Contract Documents are not intended to limit alternative means of achieving environmental goals.
    - a. Suggestions from construction team for implementing goals are encouraged.
    - b. Team approach is encouraged.

#### B. Environmental Goals:

- 1. Refer to specific Specifications sections for more detailed construction requirements related to specific materials and systems.
  - a. Energy Efficiency (Operations Throughout Project Life): Materials and systems are

- intended to maximize energy efficiency for operation of Project throughout service life (substantial completion to ultimate disposition reuse, recycling, or demolition).
- b. Indoor Environmental and Air Quality: Materials are selected and processes specified, such as preconditioning and temporary ventilation, to maximize healthy indoor air quality. Cleaning, surface coating, and renewal or replacement of interior materials should be feasible with lowest practical use of toxic, irritating, or odorous compounds. Ventilation system design, construction, and commissioning ensure adequate outside air supply under all anticipated conditions of use. Documentation of system design assumptions is included in Project Manuals to enable building operators and management to use and modify the system as required to provide continued assurance of indoor air quality. Additionally, materials are selected to provide appropriate indoor environmental qualities such as good acoustics and lighting.
- c. Resource Efficiency (Project Construction): Materials and systems are to maximize environmentally-benign construction techniques, including construction waste recycling, reusable delivery packaging, and reusability of selected materials.
- C. Energy Conservation: Maximize energy conservation strategies in order to reduce life-cycle energy requirements.
  - 1. Reduce undesirable heat gain and heat loss through exterior envelope.
  - 2. Use daylight as the primary lighting source in classrooms and supplement with integrated and energy-efficient electrical lighting systems.
  - 3. Choose equipment with high-end energy performance characteristics, including lighting, HVAC systems, appliances, and office equipment.
  - 4. Where appropriate, use thermal storage strategies such as thermal mass of building or ground to minimize total energy consumption.
  - 5. Design mechanical systems for efficient operation throughout the typical operating range, from minimum to peak load.
- D. Sustainable Site Planning and Landscape:
  - 1. Maximize erosion and sedimentation control.
  - 2. Minimize site disturbance.
  - 3. Maximize planted areas.
  - 4. Reduce heat islands.
  - 5. Where possible, reduce or eliminate light pollution from site lighting. (Note 3)
  - 6. Reduce or eliminate use of pesticides.
  - 7. Rely on indigenous, dry or xeriscape planting. Maintain existing planting on site to reduce costs.
  - 8. Implement seasonal plant and soil maintenance schedule to maintain healthy soil and landscaping.
  - 9. Maximize stormwater runoff.
  - 10. Reduce water use with water efficient irrigation systems and local vegetation.
- E. Durable Materials:
  - 1. Select materials with longest useful service life.
  - 2. Select materials that deteriorate minimally under installed conditions, exposures, and uses.
  - 3. Select materials with surfaces that require minimal or no refinishing or resurfacing.
  - 4. Select materials with protective coating requirements that do not involve frequent application of toxic or odorous components for materials that require surface renewal or protection
  - 5. Select materials that can be re-used after their service life in this building.
  - 6. Select materials that can be recycled at the end of their useful lives for materials that cannot be re-used.

- F. Resource Efficient Materials: Use resource efficient materials; consider energy use over life cycle of material including harvesting, mining, manufacturing, transport, installation, use, operations, recycling and disposal.
  - 1. Where possible and allowable by the Agency and Code with jurisdiction over the project, re-use existing building materials to extent feasible within design concept expressed in Contract Documents.
  - 2. Select materials that efficiently use resources such as energy, water, and component materials.
  - 3. Use construction practices such as material reduction and dimensional planning that maximize efficient use of resources and materials.
  - 4. Provide materials that utilize recycled content to maximum degree possible without being detrimental to product performance or indoor air quality.
  - 5. Where possible and feasible, provide for non-destructive removal and re-use of materials after their service life in this building.
  - 6. Select materials that use less embodied energy to manufacture.
    - a. Exceptions might include materials that result in net energy conservation during their useful life in building and building's life cycle.
  - 7. Select materials that conserve energy during building operations.
  - 8. Where possible, select materials harvested and manufactured regionally, within a 500-mile radius of the project site.
- G. Scarce, Irreplaceable, and Endangered Resources:
  - 1. Select materials from abundant resources.
    - a. For natural resources, determine abundance based on ratio of removal rate from existing stocks to natural replacement/renewal rate, where this information is available.
    - b. For mineral resources, determine abundance based on ratio of removal rate from terrestrial storage minus amount re-entering commerce through recycling or resource recovery compared to total in terrestrial storage, where this information is available.
  - 2. Select renewable materials, and materials which can be replenished.
  - 3. Select materials that create minimal or no damage to natural habitats and natural environment.
  - 4. Select materials that can be easily refinished, repaired or refurbished to extend their useful life.
- H. Pollution: Select materials that generate least amount of pollution during mining, manufacturing, transport, installation, use, and disposal.
  - 1. Avoid materials that emit greenhouse gases
  - 2. Avoid materials that require energy intensive extraction, manufacturing, processing, transport, installation, maintenance, or removal.
  - 3. Avoid materials that contain ozone-depleting chemicals (e.g., CFCs or HCFCs).
  - 4. Avoid materials that emit potentially harmful volatile organic chemicals (VOCs), as described in Article 2.2.
  - 5. Employ construction practices that minimize dust production and combustion by-products.
  - 6. Avoid materials that can leach harmful chemicals into groundwater; do not allow potentially harmful chemicals to enter sewers or storm drains.
  - 7. Protect soil against erosion and topsoil depletion.
  - 8. Minimize noise generation during construction; screen mechanical equipment to block noise.
  - 9. Select materials that can be reused or recycled and materials with significant percentage of recycled content; conform with or exceed specified Project recycled content percentages for individual materials; avoid materials difficult to recycle.
  - 10. Protect natural habitats; restore natural habitats where feasible within scope of Project.

#### I. Wood Products:

- 1. Use woods from Forest Stewardship Council (FSC) accredited certified sustainably harvested sources, and verify that the material itself is FSC-certified.
- 2. Composite wood products with high-recycled content, which meet the indoor air quality data requirements, are acceptable. (Note 4)

#### J. Water Efficiency:

- 1. Reduce the use of municipally supplied potable water.
- 2. Reduce dependence on municipal stormwater system for plumbing fixtures and irrigation. Eliminate irrigation or use micro-irrigation. Use no moisture sensors or clock timers on irrigation systems.
- 3. Maintain natural aquifer conditions.
- 4. Consider roofwater or groundwater collection systems.
- 5. Consider graywater collection system for irrigation systems.
- 6. Commission irrigation, graywater, roofwater collection systems. Provide measurement and verification for these systems. Train maintenance staff on performance of all water collection and distribution systems.

#### 1.3 SUBMITTALS

#### A. Resource Efficient Product Data:

- 1. Environmental Issues Data: Submit following information, including manufacturer's certifications, verifying information, and test data, where Specifications sections require data relating to environmental issues including but not limited to:
  - a. Project Recyclability: Submit information to assist Owner and Contractor in recycling materials involved in shipping, handling, and delivery, and for temporary materials necessary for installation of products.
  - b. Recycled Content: Submit information regarding product post industrial recycled and post consumer recycled content.
    - 1) Use the "Recycled Content Certification Form", attached as Appendix A to this Section, signed by a corporate officer (i.e., Chairman of the Board, President, Vice President, Secretary, or similar position of authority). (Note 5)
  - c. Product Recyclability: Submit information regarding product and product's component's recyclability including potential sources accepting recyclable materials.
  - d. Provide certification for all wood products provided by a Forest Stewardship Council (FSC) accredited certifier.
  - e. Provide final certification of well-managed\* forest of origin to provide final documentation of FSC-certified sustainably harvested status: Acceptable wood "certified sustainably harvested" certifications shall include:
    - 1) Wood supplier's certificate issued by one of the Forest Stewardship Councilaccredited certifying agencies, such as SmartWood (802-434-5491) or Scientific Certification Systems (510-832-1415);
    - 2) Supplier's invoice detailing the quantities of certified wood products for project;
    - 3) Letter from one of a certifying agency corroborating that the products on the wood supplier's invoice originate from FSC-certified well-managed forests. (Note 6)

#### B. Indoor Air Quality (IAQ) Data: (Note 7)

- 1. Environmental Issues: Submit emission test data produced by acceptable testing laboratory listed in Quality Assurance Article for materials as required in each specific Specification Section.
  - a. Laboratory reports shall contain emissions test data on VOCs including total VOCs

- (TVOC), specific individual VOCs, formaldehyde and other aldehydes as described in this Specification Section.
- b. In special cases it may be necessary to identify other specific chemicals for listing based on known quantity present or on known odor, irritation or toxicity.
- c. Identify all VOCs emitted by each material as required in these Specifications.
- d. Specific test conditions and requirements are set forth in this Section. For required tests, submit documentation of sample acquisition, handling, and test specimen preparation, as well as test conditions, methods, and procedures. The tests consist of a ten-day conditioning period followed by a 96-h test period.
  - 1) Samples collected during the test period at 24, 48, and 96 hours shall be analyzed for TVOC and formaldehyde. (Note 8)
  - 2) VOC samples collected at 96 hours shall be identified and quantified for all compounds that are Chemicals of Concern on lists in Article 2.
- Cleaning and Maintenance Products: Provide data on manufacturers' recommended maintenance, cleaning, refinishing and disposal procedures for materials and products. These procedures are for final Contractor cleaning of the project prior to substantial completion and for provided materials and products as required by the specific specification sections.
  - a. Where chemical products are recommended for these procedures, provide documentation to indicate that no component present in the cleaning product at more than 1% of the total mass of the cleaning product is a carcinogen or reproductive toxicant as defined in the lists in this specification section.
  - b. For purposes of reporting, identification of product VOC contents shall not be limited to those regulated under Clean Air Act (CAA) but shall also include compounds exempted from the CAA definition and listing of VOCs.
  - c. California EPA and local air district definitions of VOCs based on CAA are not sufficient, as they exempt compounds based on non-reactivity for outdoor air pollution control, but still important for indoor air quality.
  - d. Avoid cleaning products containing alpha-pinene, d-limonene or other unsaturated carbon double bond alkenes due to chemical reactions with ozone to form aldehydes, acidic aerosols, and ultra fine particulate matter in indoor air. For State buildings, DGS has published specifications for Environmentally Preferable Janitorial Chemicals and a list of cleaning/maintenance products meeting these specifications. Both are available on the internet at: <a href="http://www.ciwmb.ca.gov/greenbuilding/Specs/Janitorial/Janitorial.doc">http://www.ciwmb.ca.gov/greenbuilding/Specs/Janitorial.doc</a> and <a href="http://www.resd.dgs.ca.gov/BPM/lists.htm">http://www.resd.dgs.ca.gov/BPM/lists.htm</a>. (Note 9)

#### C. Certificates:

- 1. Environmental Issues Certifications:
  - a. Submit documentation certifying accuracy of post-industrial and post-consumer recycled content, and recyclability.
  - b. Prior to Final Completion, submit certificate signed by corporate officer (i.e., Chairman of the Board, President, Vice President, Secretary, or similar position of authority) of contractor, subcontractor, supplier, vendor, installer or manufacturer, provided they are primarily responsible for manufacture of product, indicating:
    - 1) Post-industrial and post-consumer recycled content of materials installed are same as those required by Project requirements.
    - 2) Product recyclability of materials installed are same as those required by Project requirements.
    - Indoor air quality requirements. Certification shall state products and materials provided are essentially same, and contain essentially same components as products and materials tested.
  - c. Comply with requirements specified in Section 01770 Closeout Procedures.

- D. Closeout Submittals: Submit data relating to environmental issues.
  - 1. Submit environmental product certifications, in two forms:
    - a. Two CD-ROMs organized by CSI 16 Division Format.
    - b. Four three-ring binders organized by CSI 16 Division Format with Table of Contents and with dividers for each division.

#### 1.4 QUALITY ASSURANCE

- A. Environmental Project Management and Coordination: Contractor to identify one person on Contractor's staff to be responsible for environmental issues compliance and coordination.
  - 1. Experience: Environmental project manager to have experience relating to sustainable building construction.
  - 2. Responsibilities: Carefully review Contract Documents for environmental issues, coordinate work of trades, subcontractors, and suppliers; instruct workers relating to environmental issues; and oversee Project Environmental Goals.
  - 3. Meetings: Discuss Environmental Goals at the following meetings.
    - a. Pre-construction meetings.
    - b. Pre-installation meetings.
    - c. Regularly scheduled job-site meetings.
    - d. Special sustainability issues meetings.
- B. Environmental Issues Criteria: Comply with requirements listed in various Specification sections.
- C. Acceptable Indoor Air Emissions Testing Laboratories: (Note 10)
  - 1. Berkeley Analytical Associates; 815 Harbour Way South, Suite 6, Richmond, California 94804; telephone 510.236.2325; fax 510.236.2335; e-mail berkeleyanalytical@ att.net.
  - 2. Air Quality Sciences, Inc.; 1337 Capital Circle, Atlanta, Georgia 30067; telephone 770.933.0638; fax 770.933.0641; e-mail <a href="mailto:aqs@mindspring.com">aqs@mindspring.com</a>.
  - 3. Other Laboratories:
    - a. Selection of testing laboratories shall include assessment of prior experience in conducting indoor source emissions tests.
    - b. Many laboratories participate in and are certified by American Industrial Hygiene Association laboratory accreditation program. <a href="http://www.aiha.org/">http://www.aiha.org/</a>.
      - These laboratories are accredited to do analysis for hazards at levels of concern for industrial workplaces and are not necessarily accredited, organized, or able to perform analysis for chemicals and particulate matter at concentrations of concern for indoor air.
    - c. The proposed laboratory shall be an independent company or organization not related to manufacturer of product to be tested.
    - d. Submit documentation on proposed laboratory for review and approval by Owner.
- D. Indoor Air Emissions Tests: (Note 11)
  - Provide environmental chamber test data from tests based on ASTM Standard D5116-97, Guide for Small Scale Environmental Chamber Determination of Organic Emissions from Indoor Materials/Products. (Refer to ASTM, Annual Book of Standards, Volume 11.03. West Conshohocken, PA: American Society for Testing and Materials. <a href="http://www.astm.org">http://www.astm.org</a>)
  - 2. Tests shall be conducted according to guidance contained in ASTM Standard D5116-97 on material test specimens pre-conditioned in clean air prior to testing.
    - a. Review test specimen collection, documentation, collection, preparation and shipping procedures with testing laboratory prior to preparing and shipping sample.

- b. Test specimens shall be packaged in the normal manner at the factory and shipped directly to testing laboratory by the manufacturer. For materials that are not packaged in convenient consumer units, alternate procedures to preserve the chemical integrity of the specimen are required. Obtain test laboratory procedure sheet covering the handling and shipping of materials. If such information is not provided by the laboratory, then wrap the specimen in a manner that will eliminate direct contact with air or packaging materials other than an inert air barrier such as foil or laboratory grade plastic sheet wrapping material.
- c. Conditioning: Condition all test specimens for ten days in clean air. Clean air should be free from the Chemicals of Concern listed in Article 2. Hold in clean vessels approximately the size of the test chambers and ventilated at the same air flow rate to be used in the test period. Suspend or place specimens on wire racks so that air freely circulates around all sides during the conditioning period. The air temperature and relative humidity during the conditioning period shall be 23±2°C and 50±10% RH. Otherwise, the material must be held in an environmental chamber for the entire period.
- d. For wet-applied products and material assemblies, a realistic test specimen shall be prepared using the substrate material on which it will be applied in the building. Alternately, it may be necessary to use a substrate material that closely simulates the actual building substrate.
- e. For material assemblies (e.g., floor and wall systems where the finish material is placed over a substrate, either with or without the use of adhesives), individual components of the assembly system shall be tested separately. If all components meet the emissions criteria established herein, no further testing shall be required. For assemblies where one component, such as a floor or wall covering adhesive, does not meet the criteria, the assembled system may be tested with specimen preparation following the manufacturer's recommended procedures for application of wet components and assembly of the system. If there is a difference between the manufacturer's recommended procedures and procedures required by the project specifications, the project specifications shall be followed.
- f. Wall and other types of paints shall be tested according to the specifications for the particular material. For example, if two coats are to be applied over a primer coat, then the test specimen shall be prepared accordingly, dried between coats per manufacturer's label instructions, and tested as a complete assembly after required conditioning. The total quantity of paint applied shall be reported based on the weight of the assembly immediately before and after the application of each coat.
- 3. The maximum concentration for any chemical emitted at 96 hours in emissions tests shall not result in a modeled indoor air concentration greater than 1/2 the chronic inhalation REL concentration of California Office of Environmental Health Hazard Assessment (OEHHA) Chronic Reference Exposure Limit (REL), with the exception of formaldehyde, which is discussed separately below.
- 4. Formaldehyde: No single product shall contribute more than one half (1/2) the OEHHA staff recommended indoor air limit of 33 μg/m³ (27 ppb) for formaldehyde. The calculated concentration of formaldehyde shall not exceed 16.5 μg/m³. Same modeling procedure as described above shall be used for formaldehyde. This concentration limit shall apply to all building and occupancy types. (Note 12)
- 5. Construction adhesives used in Work shall comply with following requirement: No component present in adhesive at more than 1% of total mass of adhesive shall be a carcinogen or reproductive toxicant as defined in the lists in this specification section.
- 6. Provide calculations of modeled concentrations based on emissions test results.
  - a. Calculations shall be submitted with all other documentation. This requires the calculation of emission factors based on emissions tests, then application of the

emission factors, product loading factors in the building, and building parameters in a steady state mass-balance model. The model assumes zero outdoor concentrations, perfect mixing and no sink effects. Alternatively, follow procedures in ASTM D5116-97 and submit assumptions and calculations.

b. The concentration of a compound in the building shall be calculated using the following Equation;

Concentration = (Emission factor) \* (Loading factor) (Air change rate)

For this equation, the units are:  $\mu g/m^3 = \frac{(\mu g/m^2 hr) * (m^2/m^3)}{(h^{-1})}$ 

This can be simplified as follows:

Concentration = Emission rate
Air change rate

Note that the weekly average air change rate must be used in the calculations of concentrations of contaminants.

- c. Calculation of emission rate. Determine the emission rate by multiplying the emission factor by the amount of the material to be used in the building or air handler zone being evaluated. Multiply the emission factor by the area of the material in the building zone being assessed. Note that in some cases a length or mass may be the appropriate unit for emission factor that must then be multiplied by the length or mass of the emission source.
- d. Provide to the laboratory the total area of the zone being assessed by consulting the Contract Documents or the design engineer, to identify the total area served by the air handler that serves the area(s) within it where the material will be applied. If the material is used in multiple zones, then calculations shall be made to determine the concentration in the zone with the highest loading ratio of material to volume or material to weekly average minimum air change rate, whichever is greater.
- e. Provide to the laboratory the volume of the space served by the air handler by multiplying the floor area by the floor-to-floor clear height (top of finish floor to bottom of structure of floor above) and multiply by 0.9 (to take account of the portion of the volume that is occupied by solid objects). This value represents the ventilated volume for purposes of the calculations required here.
- f. Determine the air change rate by dividing the volume of outside air introduced into the space per hour by the ventilated volume of the space.
- g. Determine the weekly average air change rate by adding the minimum design air change rate during ventilation system operating hours times the number of hours the system is operated to an assumed air change rate from infiltration during ventilation system non-operational hours times the number of hours the system is off; then divide the total by the number of hours in a week, (168). Where no values are available from the design documents, use default values as follows:
  - 1) Offices:
    - a) Where design data are not available to calculate the weekly average air change rate, the modeling shall assume a weekly average air change rate for office buildings of 0.75 air changes per hour (ach). This "default" office air exchange rate is based on a typical weekly State office building 55

- hour operating schedule and an assumed off-hours air change rate of 0.3 ach (assumed air change rate during normal operating hours is in excess of 1.0 per hour).
- b) Where specific information is available, the project specific data should be used to calculate the weekly average air change rate. A default building air change rate of 0.2 per hour during non-HVAC operations should be used.

#### 2) Schools:

- a) Modeling shall assume weekly average air change rate for school buildings of 0.9 per hour. This air change rate is based on an assumed 40 hours per week of ventilation system operation at 3.0 ach and 128 hours per week of 0.2 ach through infiltration.
- b) Where specific information is available, the project specific data should be used to calculate the weekly average air change rate. A default building air exchange rate of 0.2 per hour during non-HVAC operations should be used.
- 3) Other building types or occupancy types: Use ASHRAE Standard 62.1999 default occupant densities and ventilation rates for hours of operation and 0.2 ach for non operating hours unless actual rates are known, in which case the actual rates and hours of operation are to be used.
- 7. Environmental Chamber Testing: Indoor Air Emissions Testing Laboratories may use a range of acceptable loading ratios in order to make use of various size chambers, since these are not standardized across laboratories. Loading ratios ranging from 0.25 m<sup>2</sup>/m<sup>3</sup> to 0.45 m<sup>2</sup>/m<sup>3</sup> will be acceptable.
  - a. For dry products, loading ratios within reasonable limits are not critical for determining emission factors; conditioning of test specimens prior to testing will reduce or eliminate differences that may occur in unconditioned samples due to evaporation-limited emissions and sink effects from absorption of VOCs during final stages of manufacturing or while in packaging during transport to and storage at the laboratory.
  - b. Higher loading ratios lower the expected emission factor; however, the relationship is not linear, especially at higher concentrations. Therefore, where strong formaldehyde or other chemical sources are known or expected to be present, loading ratios should be selected to represent a median value for the plausible range of actual building loading ratios.
  - c. Loading ratios used shall be included in test report.
  - d. Contractors shall provide to product manufacturers information on actual quantity of material to be used in Project. The product manufacturers will then forward this information to Indoor Air Emissions Testing Laboratory so loading ratios can be adjusted toward actual loading ratio of Project. However, for most low-emitting materials used in construction, actual loading ratio will not significantly affect emission rates except for strong formaldehyde sources—primarily products using urea-formaldehyde resins. (Note 13)
- 8. Sample Preparation Requirements:
  - Substrates for environmental chamber emissions tests of individual products or materials (materials tested separately):
    - 1) Dry solid sheet type products:
      - a) Sheet stainless steel or aluminum tray to provide tight fit at edges and reduce emissions from edge of material specimen. If material does not fit very snugly, then use aluminized, low-emitting, clean room tape to seal edges.
    - 2) Dry fabric type products:
      - a) No substrate necessary.
    - 3) Wet products such as adhesives and sealers:

- a) Sheet stainless steel, aluminum, or glass unless product is to be applied to gypsum board or other highly absorbent material. If substrate is a highly absorbent material, use a sample of the substrate pre-conditioned for 24 hours to the temperature and humidity of the test chamber.
- 4) Substrates for specific products:
  - a) Composite wood products (Section 06400): sample to be suspended or supported in chamber with all edges exposed and no edge masking.
  - b) Gypsum Board (Section 09260): no substrate (testing required ONLY if recycled content gypsum board or if water resistant types are used).
  - c) Acoustical Ceiling Panels (Section 09510): no substrate, sample to be suspended or supported in chamber with no edge masking.
  - d) Resilient flooring (Section 09650): stainless steel tray, fitted tightly so that only the upper surface is exposed. Alternately, cover back of flooring with sheet stainless steel and seal edges with low-VOC emitting aluminized clean room tape so only wear surface of flooring is exposed.
  - e) Carpet Tile and Broadloom Carpet (Section 09680): stainless steel tray, fitted tightly so that only the upper surface is exposed.
  - f) Flat and eggshell Paints (Section 09900): 5/8" gypsum board.
  - g) Semi-gloss paints (Section 09900): Where applied to metal, use sheet stainless steel. Where applied to gypsum board, use gypsum board conditioned as described in subsection (c) below.
  - h) Joint Sealers (Section 07900): Steel channel 0.64 cm by 0.64 cm by 25.4 cm Channel shall be filled with sealant.
- b. Substrates for environmental chamber emissions tests of assemblies of products or materials (materials tested in an assembly):
  - 1) Laminates or wood veneers applied with adhesives (Section 06400): Medium density fiberboard (MDF).
  - 2) Resilient flooring applied with adhesives (Section 09650): Sheet stainless steel or glass plate.
  - 3) Carpet Tile/Broadloom Carpet applied with adhesives and adhesives (Section 09685/Section 09680): Sheet stainless steel or glass plate.
  - 4) Wall Coverings applied with adhesives (Section 09700 Series): 5/8" gypsum board. Prior to preparation of the test specimen, gypsum board substrate shall be pre-conditioned for at least 24 hours at 23 ± 2°C and 50 ± 10% RH while ventilated with clean air. (Ventilation rate is not important.)
- c. Protocol for Paint Testing: Preparation and handling of paint test specimen.
  - 1) Flat and Eggshell Paints:
    - a) Apply paints to 5/8" thick gypsum board. Hold Gypsum board substrate for at least 24 hours at  $23 \pm 2$ °C and  $50 \pm 10\%$  RH while ventilated with clean air. Accurately weigh substrate just prior to painting, mask borders to avoid paint dripping on edges and leave center area for paint. Alternative approaches to protecting the edges are acceptable and shall be reported if used.
    - b) Apply paint using standardized roller procedure that simulates application of paint in building. For most wall paint applications use a 4" wide 3/8" nap roller intended for smooth surfaces.
    - c) Stir paint in container and transfer 100 mL of paint to heavy-duty aluminum foil disposable tray.
    - d) Saturate roller cover with paint by running back and forth in tray.
    - e) Apply paint to substrate using four strokes, two in vertical direction and two in horizontal direction, so entire area is uniformly covered.
    - f) Remove tape from substrate and re-weigh substrate.

- g) Difference in weight determines amount of applied paint and coverage in grams of wet paint per square meter of substrate surface.
- h) Place substrate on 6" by 6" piece of sheet stainless steel to cover entirely the back surface. Attach substrate to stainless steel with strips of low VOC aluminized clean room tape so only painted surface is exposed. For a blank specimen, similarly prepare an unpainted piece of gypsum. Alternate procedures to cover unpainted surfaces of gypsum board may be used and must be adequately described in the laboratory report if used.
- i) Place sample in conditioning environment immediately and hold for ten days.
- j) Where multiple coats, which may include primer, are being tested, apply paints and follow manufacturers' instructions for drying time between coats. Report weight of test specimen prior to and after each coat of paint is applied. Hold specimen in conditioning environment between coats. The ten-day conditioning period begins after application of final coat. Apply semi-gloss paint to clean steel sheet following same procedure as above for "flat and eggshell paints." No tape should be used. Sheet should be weighed immediately before and after painting.
- 9. Chemical Analyses:
  - a. VOC Analysis: Make multi-point calibrations using pure compounds whenever such compounds are available from commercial suppliers (such as Aldrich Chemical Company, Sigma Aldrich). Quantitative analyses performed using surrogate compounds shall be indicated in reported test results. Identify EPA and ASTM standard methods and practices, and testing laboratory calibration procedures, which should include a calibration at least once every three (3) months.
  - b. Formaldehyde and Acetaldehyde Analysis: Formaldehyde and Acetaldehyde analysis shall be performed following ASTM Standard D 5197 "Standard Test Method for Formaldehyde and other Carbonyl Compounds in Air (Active Sampler Methodology)."
- 10. Reporting Requirements: In addition to reporting requirement stated elsewhere in Specifications, reports shall include: (a) all compounds emitted from sample that are on the most recent Chronic Reference Exposure Level list as published by the California Office of Environmental Health Hazard Assessment and listed in their website at http://www.oehha.org/air/chronic\_rels/allChrels.html, (b) all compounds on the California Proposition 65 list, and (c) all compounds on the California Toxic Air Contaminant list. In addition, the ten most abundant compounds shall be reported separately if not listed on any of these lists. For these compounds, report following:
  - a. measured chamber concentrations at each required time point.
  - b. calculated emission factors.
  - c. calculated building concentrations and assumptions used to make calculation. (Note 14)
- E. State Agency Buy Recycled Campaign (SABRC) Recycled Content: Implement the SABRC recycled-content goals for specific building products, including but not limited to: (Note 15)
  - 1. Paper products;
  - 2. Glass products (windows, glazing, fiberglass, tile, construction blocks, loose-grain abrasives);
  - 3. Plastic products (carpet, plastic lumber, furniture made from plastic, fencing, parking bumpers, toilet partitions, entry mats, signage, sheet plastic and other plastic-containing building products);
  - 4. Solvents;
  - 5. Tire-derived products (entry mats, resilient flooring, wheelchair and other ramps, playground surfacing, parking bumpers, speed bumps, tree ties, road surfacing);

- 6. Steel products (structural steel, steel framing, architectural metal, reinforcing bars, sheet metal, metal siding, metal roofing, lockers, toilet partitions, office furniture for filing and storage):
- 7. Paint (allowed only in exterior installations);
- 8. Compost.

#### 1.5 DELIVERY, STORAGE, AND HANDLING

- A. Packaging: Deliver materials in recyclable or in reusable packaging such as cardboard, wood, paper, or reusable blankets, which will be reclaimed by supplier or manufacturer for recycling.
  - 1. General: Minimize packaging materials to maximum extent possible while still ensuring protection of materials during delivery, storage, and handling.
    - a. Unacceptable Packaging Materials: Polyurethane, polyisocyanate, polystyrene, polyethylene, and similar plastic materials such as "foam" plastics and "shrink-fit" plastics.
  - Reusable Blankets: Deliver and store materials in reusable blankets and mats reclaimed by manufacturers or suppliers for reuse where program exists or where program can be developed for such reuse.
  - 3. Pallets: Where pallets are used, suppliers shall be responsible to ensure pallets are removed from site for reuse or for recycling.
  - 4. Corrugated Cardboard and Paper: Where paper products are used, recycle as part of construction waste management recycling program, or return to material's manufacturer for use by manufacturer or supplier.
  - 5. Sealants, Paint, Primers, Adhesives, and Coating Containers: Return to supplier or manufacturer for reuse where such program is available.

#### 1.6 PROJECT CONDITIONS

A. No smoking will be permitted in indoor Project site locations, as per California Labor Code (Section 400-6413.5).

#### B. Certifications:

- 1. Environmental Product Certification:
  - a. Include manufacturer certification indicating product contains maximum recycled content possible without being detrimental to product performance.
  - b. Include certification indicating cleaning materials comply with requirements of these Specifications.

#### C. Construction Ventilation and Preconditioning:

- Temporary Construction Ventilation: Maintain sufficient temporary ventilation of areas
  where materials are being used that emit VOCs. Maintain ventilation continuously during
  installation, and until emissions dissipate after installation. If continuous ventilation is
  not possible via building's HVAC system(s) then ventilation shall be supplied via open
  windows and temporary fans, sufficient to provide no less than three air changes per
  hour.
  - Period after installation shall be sufficient to dissipate odors and elevated concentrations of VOCs. Where no specific period is stated in these Specifications, a time period of 72 hours shall be used.
  - b. Ventilate areas directly to outside; ventilation to other enclosed areas is not acceptable.

- 2. During dust producing activities (e.g. drywall installation and finishing) turn ventilation system off, and openings in supply and return HVAC system shall be protected from dust infiltration. Provide temporary ventilation as required.
- 3. Preconditioning: Prior to installation, allow products which have odors and significant VOC emissions to off-gas in dry, well-ventilated space for 14 calendar days to allow for reasonable dissipation of odors and emissions prior to delivery to Project site.
  - Condition products without containers and packaging to maximize off-gassing of VOCs.
  - b. Condition products in ventilated warehouse or other building. Comply with substitution requirements for consideration of other locations.

#### D. Protection:

- 1. Moisture Stains: Materials with evidence of moisture damage, including stains, are not acceptable, including both stored and installed materials; immediately remove from site and properly dispose. Take special care to prevent accumulation of moisture on installed materials and within packaging during delivery, storage, and handling to prevent development of molds and mildew on packaging and on products.
  - a. Immediately remove from site and properly dispose of materials showing signs of mold and signs of mildew, including materials with moisture stains.
  - b. Replace moldy materials with new, undamaged materials.
- 2. Ducts: Seal ducts during transportation, delivery, and construction to prevent accumulation of construction dust and construction debris inside ducts.

#### 1.7 SEQUENCING

#### A. Environmental Issues:

- 1. On-Site Application: Where odorous and/or high VOC emitting products are applied onsite, apply prior to installation of porous and fibrous materials. Where this is not possible, protect porous materials with polyethylene vapor retarders.
- 2. Complete interior finish material installation no less than fourteen (14) days prior to Substantial Completion to allow for building flush out.

#### PART 2 - PRODUCTS

#### 2.1 CHEMICALS OF CONCERN

- A. Chemicals of Concern are those chemicals listed below as toxic air contaminants, carcinogens, teratogens, reproductive toxins, and chemicals with established Chronic Reference Exposure Levels (REL):
- B. Carcinogens: Chemicals listed as probable or known human carcinogens in the latest published edition of the following two lists:
  - 1. California Environmental Protection Agency, Air Resources Board (ARB), list of Toxic Air Contaminants (California Air Toxics).http://www.arb.ca.gov/toxics/summary/summary.htm
  - 2. California Environmental Protection Agency, Office of Environmental Health Hazard Assessment (OEHHA), Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65). http://www.oehha.ca.gov/prop65/prop65\_list/Newlist.html.
- C. Reproductive Toxicants: Chemicals known to cause reproductive toxicity including birth defects or other reproductive harm in the latest published edition of the following list: California Environmental Protection Agency, Office of Environmental Health Hazard

Assessment (OEHHA), Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65). http://www.oehha.ca.gov/prop65/prop65 list/Newlist.html.

D. Chemicals with established Chronic Reference Exposure Levels (REL): Chronic RELs have been developed for 65 hazardous airborne substances as of January 2001. A chronic REL is an airborne concentration level that would pose no significant health risk to individuals indefinitely exposed to that level. RELs are based solely on health considerations, and are developed from the best available data in the scientific literature. The California Environmental Protection Agency, Office of Environmental Health Hazard Assessment (OEHHA) establishes and publishes RELs. (Note 16)

**Table 1.** Chronic Reference Exposure Levels for organic chemicals with possible indoor sources, based on the California OEHHA list as of September 2002 (The most recent list shall be used for this specification as published at <a href="http://www.oehha.org/air/chronic\_rels/all-Chrels.html">http://www.oehha.org/air/chronic\_rels/all-Chrels.html</a>).

	Substance (CAS #)	Listed in CAPCOA (1993)	Chronic Inhalation REL (µg/m <sup>3</sup> )	Hazard Index Target(s)	Human Data
1	Acetaldehyde* (75-07-0)	Ø	9	Respiratory system	
2	<u>Acrolein</u> (107-02-8)	Ø	0.06	Respiratory system; eyes	
3	Acrylonitrile (107-13-1)	Ø	5	Respiratory system	
4	<u>Ammonia</u> (7664-41-7)	Ø	200	Respiratory system	Q
5	Arsenic (7440-38-2) & arsenic compounds	Ø	0.03	Development; Cardiovascular system; Nervous system	
6	<u>Benzene</u> (71-43-2)	Ø	60	Hematopoietic system; development; nervous system	V
7	Beryllium (7440-41-7) and beryllium compounds	Ø	0.007	Respiratory system; immune system	Ø
8	<u>Butadiene</u> (106-99-0)		20	Reproductive system	
9	Cadmium (7440-43-9) & cad- mium compounds	Ø	0.02	Kidney; respiratory system	V
10	Carbon tetrachloride (56-23-5)	Ø	40	Alimentary system; development; nervous system	
11	Carbon disulfide (75-15-0)		800	Nervous system; reproductive system	Ø
12	Chlorinated dioxins (1746-01-6) & diben- zofurans (5120-73-19)	Ø	0.00004	Alimentary system (liver); reproductive system; development; endocrine system; respiratory system; hematopoietic system	
13	<u>Chlorine</u> (7782-50-5)	Ø	0.2	Respiratory system	

14	Chlorine dioxide (10049-04-4)		0.6	Respiratory system	
15	<u>Chlorobenzene</u> (108-90-7)	<b>V</b>	1000	Alimentary system; kidney; reproductive system	
16	<u>Chloroform</u> (67-66-3)	Ø	300	Alimentary system; kidney; development	
17	<u>Chloropicrin</u> (76-06-2)	Ø	0.4	Respiratory system	
18	Chromium hexavalent: soluble except chromic trioxide	Ø	0.2	Respiratory system	
19	Chromic trioxide (as chromic acid mist)	Ø	0.002	Respiratory system	Ø
20	Cresol mixtures (1319-77-3)	Ø	600	Nervous system	
21	<u>Dichlorobenzene (1,4-)</u> (106-46-7)	Ø	800	Nervous system; respiratory system; alimentary system; kidney	
22	Dichloroethylene (1,1) (75-35-4)	Ø	70	Alimentary system	
23	Diesel Exhaust*		5	Respiratory system	
24	<u>Diethanolamine</u> (111-42-2)		3	Cardiovascular system; nervous system	
25	Dimethylformamide (N,N-) (68-12-2)		80	Alimentary system ; respiratory system	Ø
26	<u>Dioxane (1,4-)</u> (123-91-1)	V	3,000	Alimentary system; kidney; cardiovascular system	
27	Epichlorohydrin (106-89-8)	V	3	Respiratory system; eyes	
28	Epoxybutane (1,2-) (106-88-7)		20	Respiratory system; cardiovascular system	
29	Ethylbenzene (100-41-4)		2,000	Development; alimentary system (liver); kidney; endocrine system	
30	Ethyl chloride (75-00-3)	Ø	30,000	Development; alimentary system	
31	Ethylene dibromide (106-93-4)	Ø	0.8	Reproductive system	Ø
32	Ethylene dichloride (107-06-2)	Ø	400	Alimentary system (liver)	
33	Ethylene glycol (107-21-1)		400	Respiratory system; kidney; development	Ø
34	Ethylene glycol mono- ethyl ether (110-80-5)	Ø	70	Reproductive system; hematopoietic system	
35	Ethylene glycol mono- ethyl ether acetate (111-15-9)	Ø	300	Development	
36	Ethylene glycol mono- methyl ether (109-86-4)	Ø	60	Reproductive system	
37	Ethylene glycol mono- methyl ether acetate (110-49-6)	Ø	90	Reproductive system	

38	Ethylene oxide (75-21-8)		30	Nervous system	
39	Formaldehyde (50-00-0)	V	3	Respiratory system; eyes	V
40	Glutaraldehyde (111- 30-8)	Ø	0.08	Respiratory system	
41	Hexane (n-) (110-54-3)		7000	Nervous system	
42	<u>Hydrazine</u> (302-01-2)	V	0.2	Alimentary system; endocrine system	
43	Hydrogen chloride (7647-01-0)	Ø	9	Respiratory system	
44	<u>Hydrogen cyanide</u> (74-90-8)	V	9	Nervous system; endocrine system; cardiovascular system	V
45	<u>Hydrogen sulfide</u> (7783-06-4)	V	10	Respiratory system	
46	<u>Isophorone</u> (78-59-1)		2000	Development; liver	
47	<u>Isopropanol</u> (67-63-0)		7,000	Kidney; development	
48	Maleic anhydride (108-31-6)		0.7	Respiratory system	
49	Manganese & manga- nese compounds		0.2	Nervous system	V
50	Mercury & mercury compounds (inorganic)	Ø	0.09	Nervous system	V
51	<u>Methanol</u> (67-56-1)	V	4,000	Development	
52	Methyl bromide (74-83-9)		5	Respiratory system; nervous system; development	
53	Methyl chloroform (71-55-6)	V	1,000	Nervous system	
54	Methyl isocyanate (624-83-9)		1	Respiratory system; reproductive system	
55	Methyl t-butyl ether (1634-04-4)		8,000	Kidney; eyes; alimentary system (liver)	
56	Methylene chloride (75-09-2)	Ø	400	Cardiovascular system; nervous system	Ø
57	Methylene dianiline (4,4'-) (101-77-9)	V	20	Eyes; alimentary system (hepatotoxicity)	
58	Methylene Diphenyl Isocyanate (101-68-8)		0.7	Respiratory system	
59	Naphthalene (91-20-3)	Ø	9	Respiratory system	
60	Nickel & compounds (except nickel oxide)	Ø	0.05	Respiratory system; hematopoietic system	
61	Nickel oxide (1313-99-1)		0.1	Respiratory system; hematopoietic system	
62	<u>Phenol</u> (108-95-2)	Ø	200	Alimentary system; cardiovas- cular system; kidney; nervous system	

63	<u>Phosphine</u> (7803-51-2)	V	0.8	Respiratory system; alimentary system; nervous system; kidney; hematopoietic system	
64	Phosphoric acid (7664-38-2)		7	Respiratory system	
65	Phthalic anhydride (85-44-9)		20	Respiratory system	Ø
66	<u>Propylene</u> (115-07-1)		3,000	Respiratory system	
67	Propylene glycol monomethyl ether (107-98-2)		7,000	Alimentary system (liver)	
68	Propylene oxide (75-56-9)	<b>V</b>	30	Respiratory system	
69	Selenium and sele- nium compounds (other than hydrogen selenide)	Ø	20	Alimentary system; cardiovascular system; nervous system	I
70	<u>Styrene</u> (100-42-5)		900	Nervous system	Ø
71	Sulfuric acid (7664-93-9)		1	Respiratory system	
72	Tetrachloroethylene* (perchloroethylene) (127-18-4)	☑	35	Kidney; alimentary system (liver)	
73	<u>Toluene</u> (108-88-3)	<b>V</b>	300	Nervous system; respiratory system; development	
74	Toluene diisocyanates (2,4-&2,6-)		0.07	Respiratory system	Ø
75	Trichloroethylene (79-01-6)	<b>V</b>	600	Nervous system; eyes	V
76	Triethylamine (121-44-8)		200	Eyes	
77	Vinyl acetate (108-05-4)		200	Respiratory system	
78	Xylenes (m-, o-, p-)	V	700	Nervous system; respiratory system	Ø

#### 2.2 SUBSTITUTIONS

- A. Substitutions Environmental Issues: Requests for substitutions shall comply with requirements specified in Section 01630 Product Substitution Procedures, with following additional information required where environmental issues are specified.
  - 1. Indicate each proposed substitution complies with requirements for VOCs.
  - 2. Owner, in consultation with Architect, reserves right to reject proposed substitutions where data for VOCs is not provided or where emissions of individual VOCs are higher than for specified materials.
  - 3. Comply with specified recycled content and other environmental requirements.

#### **PART 3 - EXECUTION**

#### 3.1 FIELD QUALITY CONTROL

- A. Building Flush Out: Just prior to Substantial Completion, flush out building continuously (i.e. 24 hours per day, seven (7) days a week) using maximum tempered outside air (or maximum amount of outside air while achieving reasonable indoor temperature) for at least fourteen (14) calendar days. If interruptions of more than a few hours are required for testing and balancing purposes, extend flush out period accordingly.
  - 1. When Contractor is required to perform touch-up work, provide temporary construction ventilation during installation and extend building flush-out by a minimum of four (4) days after touch-up installation with maximum tempered outside air for 24 hr per day.
  - 2. If construction schedule permits, extend flush-out period beyond 15 days.
  - 3. Return ventilation system to normal operation following flush-out period to minimize energy consumption.

#### 3.2 CLEANING

- A. Final Cleaning Environmental Issues:
  - 1. Clean interior and exterior surfaces exposed to view; remove temporary labels, stains, and foreign substances; polish transparent and glossy surfaces using cleaning and maintenance products as described in Part 1 of this Section.
  - 2. Clean equipment and fixtures to sanitary condition using cleaning and maintenance products as described in Part 1 of this Section.
  - 3. Vacuum carpeted and soft surfaces with high efficiency particulate arrestor (HEPA)
  - 4. If ducts were not sealed during construction, and contain dust or dirt, clean ducts using HEPA vacuum immediately prior to Substantial Completion and prior to using ducts to circulate air. Oil film on sheet metal shall be removed before shipment to site. However, ducts shall be inspected to confirm that no oil film is present. Remove oil.
  - 5. Replace all air filters (i.e., pre and final filters) just prior to Substantial Completion.
  - 6. Remove and properly dispose of recyclable materials using construction waste management program described in Section 01565 Site Waste Management Program.

#### 3.3 PROTECTION

- A. Environmental Issues:
  - Protect interior materials from water intrusion or penetration; where interior products not intended for wet applications are exposed to moisture, immediately remove from site and dispose of properly.
  - 2. Protect installed products using methods that do not support growth of molds and mildews.
    - a. Immediately remove from site materials with mold and materials with mildew.

#### **END OF SECTION**

#### NOTES FOR SECTION 01 35 00

#### SPECIAL ENVIRONMENTAL REQUIREMENTS

#### Note 1:

- 1.1 Section 01 35 00 is one of the most important specification sections in terms of guiding and controlling the environmental impact of a project. It is this general requirements section that sets the tone for the project and informs the environmental requirements of individual specification sections. While an attempt has been made to simplify this specification, it is understood that the issues raised may be new to the Architect, and may appear complex. For this reason, it is recommended that the section be carefully reviewed prior to use, and that it be integrated carefully into the Project Manual Specification. If uncertainty exists, it may be advisable to utilize the services of a Specifications consultant, and an Indoor Air Quality consultant.
- 1.2 The requirements of section 01 35 00 apply to almost all the specification sections, and these other sections should be coordinated with section 01 35 00.
- 1.3 The Special Environmental Requirements incorporate three major issues:
  - A. Energy conservation and efficiency: Specification Section 01 35 00 references energy conservation and efficiency, and deals specifically with the other two issues.
  - B. Indoor environmental and air quality: Specification section 01 35 00 references the environmental issues, and deals specifically with indoor air quality. Reducing pollutant sources in buildings is probably the most effective method for improving the indoor air quality. This specification section provides a requirement for major materials used inside a building to be submitted for an emissions chamber test prior to installation. Various Chemicals of Concern are listed and the results of the chamber test should be reviewed for conformance with the limits established here. The laboratory write up of the test results will indicate whether the test results meet the specification requirements or not.
  - C. Resource efficient materials and systems: This specification section provides a method for documenting a product's recycled content and is based on the California State Agency Buy Recycled Campaign (SABRC). The SABRC must be used for California Department of General Services (DGS) projects (excluding schools), and the documentation requirements have been adapted to conform to specification requirements and for use on other projects as a reporting tool to the Architect and to the project Owner.
- 1.4 Life Cycle Assessment: Life Cycle Assessment (LCA) is needed to assist the Architect in making judgments about the appropriate use of specific materials and systems. Since LCA is not yet sufficiently developed, it is not presented in this specification, but much of the information requested by this section will be helpful in the future when LCA becomes available.

#### Note 2:

2.1 Specification section 01 35 00 article 1.2, Design Requirements is included in this specification specifically to advise the contractor about the design requirements used by the design team in the design of the project and the preparation of the Contract Documents. The Contractor needs access to this information if they decide to propose sustainable building enhancements, or if they decide to propose material and system substitution requests. For substitution requests, the contractor will need to compare the proposed substitution to the specified product and will need to highlight the sustainable building design requirements in their proposals.

2.2 Some of the goals noted below may appear to be contradictory, and the project team may need to evaluate and make a selection based on project-specific goals. The design team for each project should evaluate project priorities and goals with the school district as part of the design process prior to preparation of Construction Documents.

#### Note 3:

3.1 For school projects, special care should be taken with lighting design for the sports fields, and to achieve a safe site environment at night.

#### Note 4:

4.1 Specification Section 01 35 00 Article 1.2, I: When using composite wood products that contain post-consumer recycled content, there is a possibility that the final product may contain lead, arsenic, and semi-volatile organic compounds including Pentachlorophenol, Chlordane, and Chlorpyrifos. While there are currently no established safe air concentration limits for these compounds, it is important to recognize that they may present a significant health hazard. Therefore, bulk testing of the product is recommended to show that they are free of contamination. The Project client should be notified of the compound content as they may be required under CA Proposition 65 to notify building users of the presence of these compounds if such compounds are installed into a building. The architect and the Project client should make a determination whether such products should be installed.

#### Note 5:

5.1 For State funded projects, State agencies are required to comply with the State of California Public Contract Code Sections 10233, 10308.5 and 10354. School projects are not required to comply with these codes; however, the certification form has been adapted for use on school projects.

#### Note 6:

- 6.1 For FSC accredited certifiers visit http://fsuc.org/html/index.html.
- \*"Well-managed" shall mean forests that are being managed through professionally-administered forestry management and logging plans that ensure regeneration of desired species so that timber growth equals or exceeds harvesting rates in both quantity and quality over the long term. Other considerations include protecting rivers and streams from degradation, minimizing damage of the forest when harvesting, promoting biodiversity, operating in concert with the lawful interests of local populations, and maximizing both the yield and value of the forest products.

#### Note 7:

7.1 It is not practical to request the submission of MSDSs for review by the Architect in design-bid-build construction procurement projects. This information should be requested and reviewed by the Architect in the design phases. Specification Section 01 35 00 Article 1.3, B should contain the following text when using non design-build construction procurement methods. However, the Architect should in all circumstances obtain this information prior to specifying a product:

"Environmental Issues Data: Furnish material safety data sheets (MSDS) for materials where as required in each specific Specification sections.

- A. All MSDSs submitted must contain specific chemical content data identifying the percent of the total product mass represented by each listed chemical in the MSDS.
- B. Chemicals listed as proprietary or not listed on MSDS shall be separately listed and submitted to Architect for review under a non-disclosure agreement.
- C. Requirements for identified chemicals are not limited to those listed by OSHA as hazardous nor to those present at greater than 1% by weight."
- 7.2 Specification Section 01 35 00 Article 1.3 B and D require the contractor to provide Emission Test Data for materials and products. The information requested by this requirement is usually obtained by the General Contractor through the subcontractor and from the product manufacturer. The manufacturer obtains this information from the test laboratory, and both of the testing laboratories listed in this section are experienced at preparing the data in a form usable by the architect. Much of the test description provided in this specification section is given for the benefit of the laboratory.

#### Note 8:

8.1 The Architect should review the pattern of the decay curve for TVOC and formaldehyde for the duration of the test. The decay curve should be dropping over time. If TVOC and formaldehyde emissions are high and/or if the decay curve is not dropping, temporary ventilation may be needed in the installation area.

#### Note 9:

9.1 The Architect should compare emissions from maintenance products to those from maintenance products for other materials being considered for the same use for Project, and evaluate. Exclude materials whose maintenance products VOC emissions are in upper half of those compared for same applications.

There is now in draft form a State of California, Department of General Services, Technical Specification For the Evaluation of Environmentally Preferable Janitorial Chemicals. For State funded Projects, excluding schools, it is necessary to refer to these guidelines. Both are available on the internet at: <a href="http://www.ciwmb.ca.gov/greenbuilding/Specs/Janitorial/Janitorial.doc">http://www.resd.dgs.ca.gov/BPM/lists.htm</a>

#### Note 10:

- 10.1 Indoor air emissions testing laboratories are currently not widely available. The following laboratories are listed for the convenience of the specification user. However, this listing does not imply an endorsement of the laboratories by the authors or by the State of California nor does the absence of a laboratory from the list imply that it would not be acceptable.
- 10.2 The State of California does not currently have a certification process for labs analyzing air samples.
- 10.3 In the future, California's Department of Health Services (DHS) is planning to certify, accredit, or otherwise approve of those laboratories performing air monitoring analyses as mandated by Senate Bill 2203 (Sher et al., Statutes of 2000). This became effective on January 2, 2001 (California Health and Safety Code Section 100825-100920). The DHS does maintain a list of commercial laboratories without any endorsement or evaluation of the quality of services (Refer to http://www.cal-iag.org/FIRMS/).

#### **Note 11:**

11.1 Emissions testing provides emission factors for the test specimen under the loading and ventilation used in the test. The emission factor must be used with project-specific product loading and ventilation data to determine whether a material complies with the requirements of this specification. Re-testing is not necessary for different material applications, but new calculations are required.

#### **Note 12:**

- 12.1 The OEHHA Chronic REL for Formaldehyde is the goal, but in most cases it cannot be met. Due to its status as an identified carcinogen, a preferred approach to control of formaldehyde concentrations is based on the principle of ALARA, As Low As Reasonably Achievable.
- 12.2 Note that the OEHHA Chronic REL for formaldehyde is approximately the same as the typical concentration in outdoor air. Products containing wood even without formaldehyde-based resins and many common fibrous glass insulation products are made with formaldehyde-based resins, as are many composite wood products. In order not to eliminate many common building products that will inevitably emit some formaldehyde, we have used an alternative concentration limit of 33 μg/m³ (27 ppb) based on OEHHA's recommended maximum concentration in office environments. Nevertheless, due to formaldehyde's status as a listed carcinogen, it is strongly recommended that the ALARA (As Low As Reasonably Achievable) approach be applied and that 3 μg/m³ be the goal.

#### **Note 13:**

13.1 These specifications require that the Contractor provide calculations obtained from the product manufacturer and prepared by the testing laboratory. The Contractor will need to provide to the laboratory the required dimensional information needed for the calculations. Should the architect elect to perform these calculations, he/she may do so using information, design assumptions, and material quantities for the Project.

#### **Note 14:**

- 14.1 Specification Section 01 35 00, 1.4, D 10, Reporting Requirements: The items required by the reporting requirements should be included in a submittal and used by the Architect as follows:
  - A. Compounds listed on OEHHA list Reported calculated concentration should be equal to or less than 1/2 the OEHHA regulations.
  - B. Compounds on Proposition 65 list Report these to the project owner (school district). The Owner is required by law to identify these compounds with a warning sign in the building.
  - C. California Toxic Air Contaminants list available at http://www.arb.ca.gov/toxics/toxics.htm Report the calculated concentrations of any compounds on this list to the Owner for his information. The Architect should attempt to obtain this information in the design phases if possible, so that timely decisions can be made.

#### Note 15:

- 15.1 The SABRC is mandatory for State projects, excluding schools, but can be used for all projects as adapted in these specifications as a way to report to the Architect, and a school district, the recycled content of a product.
- 15.2 For updated information on SABRC recycled-content goals, recycled-content categories and reporting procedures, contact Jerry Hart: 1001 I Street, P.O. Box 4025, Sacramento, California 95812-4025, telephone 916.341.6000 or 1501 E. Orangethorpe Ave., Suite 150, Fullerton, California 92831, telephone 714.449.7072, fax 714.449.4780, www.ciwmb.ca.gov and www.ciwmb.ca.gov/BuyRecycled/StateAgency.

#### Note 16:

- 16.1 The list of Chronic Inhalation RELs is included in this draft specification for illustrative purposes only. The Architect should use the latest version of the list, copied from the website <a href="http://www.oehha.org/air/chronic\_rels/allChrels.html">http://www.oehha.org/air/chronic\_rels/allChrels.html</a>, when preparing the specifications.
- 16.2 Note that not all Chemicals of Concern are included on the lists at this time and that revisions to the lists will occur from time to time. These revisions may require re-testing of some products, and/or re-evaluating of some products using available test data.

#### REFERENCES

References for more information:

- California State Agency Buy Recycled Campaign, The Department of General Services and the Californian Integrated Waste Management Board. http://www.ciwmb.ca.gov/BuyRecycled/StateAgency
- Sustainable Building Technical Manual, Green Building Design, Construction and Operations, Chapters 13 and 15 for Indoor Air Quality and Building Commissioning produced by Public Technology Inc. and co-sponsored by the U.S. Green Building Council, Department of Energy, and the U.S. Environmental Protection Agency, 1996.
- 3. Leon Alevantis, M.S., P.E., Indoor Air Quality Section, Environmental Health Laboratory Branch, Division of Environmental and Occupational Disease Control, California Department of Health Services, Reducing Occupant Exposure to Volatile Organic Compounds (VOCs) from Office Building Construction Materials: Non-Binding Guidelines, July 1996. Available on the web at: http://www.cal-iaq.org/VOC/
- 4. LEED™ Reference Guide, Leadership in Energy and Environmental Design, Green Building Rating System, version 2.0, May 2000, U.S. Green Building Council. http://www.usgbc.org.
- 5. California Proposition 65. *The Safe Drinking Water and Toxic Enforcement Act of 1986*. Available on the internet at http://www.oehha.ca.gov/prop65.html.
- 6. California Environmental Protection Agency, Office of Environmental Health Hazard Assessment. 2002. Air Toxics Hot Spots Program Risk Assessment Guidelines, Part III, Technical Support Document for the Determination of Noncancer Chronic Reference Exposure Levels, California Environmental Protection Agency, Office of Environmental Health Hazards Assessment, Air

- Toxicology and Epidemiology Section, September 2002 (or most recent edition). Available on the internet at: http://www.oehha.org/air/chronic\_rels/allChrels.html.
- 7. State of California, 2001b. *Technical Specification for Environmentally Preferable Janitorial Chemicals Golden Seal Program*. Available on the internet at: http://www.ciwmb.ca.gov/greenbuilding/Specs/Janitorial/Janitorial.doc.
- 8. State of California, 2002b. List of Environmentally Preferable Janitorial Chemicals for the Department of General Services. Available on the internet at: http://www.resd.dgs.ca.gov/BPM/lists.htm.

# THE COLLABORATIVE FOR HIGH PERFORMANCE SCHOOLS

# **RECYCLED CONTENT CERTIFICATION FORM**

Project Name:

This form is to be completed by a Corporate Officer of the Product Manufacturer for the General Contractor. The General Contractor must return the certification, completed by each product with recycled content as required by specific Specification Sections. Attach additional sheets if necessary.

GENERAL CONTRACTOR	SUBCONTRACTOR/INSTALLER	PRODUCT MANUFACTURER
Name:	Name:	Name:
Address:	Address:	Address:
Telephone, fax, e-mail:	Telephone, fax, e-mail:	Telephone, fax, e-mail:

Total % <sup>8</sup>		100	100	100	100	100	100
% Post- industrial <sup>7</sup>	total weight						
% Post- consumer	As a percent of total weight						
% Virgin Content <sup>5</sup>	1						
Weight in pounds							
Cost of material, (excluding installation labor)							
Unit of measure							
Quantity Bid							
Product Description CSI Section number (Needed for all products)							
Product Category (Include if applicable)							
Item #							

Title

Signature

#### **GENERAL NOTES:**

- 4. The Public Contract Code Sections listed below apply to California public (DGS) projects only. The required document has been adapted for use on other types of projects, including public schools.
- B. Public Contract Code Sections 10233, 10308.5, and 10354 require all vendors and contractors to certify in writing, under penalty of perjury, to the state agency awarding a contract, the minimum, if not the exact percentage, of post-consumer and post-industrial material in the materials, goods, or supplies offered or used.
- C. Public Contract Code Section 12205(a) requires all state agencies to require all contractors to certify in writing, under penalty of perjury, the minimum, if not the exact percentage, of post-consumer and post-industrial material in the materials, goods, or services provided or used.

#### NOTES:

(1) Product Category: (Fill in below, if applicable. This information is used to determine compliance with the State Agency Buy Recycled Campaign.)

1.	Compost/Co-compost	7.	Printing and Writing Papers
2.	Glass Products	8.	Solvents
3.	Lubricating Oils	9.	Steel Products
4.	Paint	10.	Tires
5.	Plastic Products	11.	Tire-derived Products
6.	Paper Products		

- (2) Product category is used for State agency reporting for State projects, excluding public schools. Products that are made from multiple material types should be reported in the product category of the material type representing most of the product. The amount of material used in the product can be measured by weight or volume. If, for instance, a chair is made from steel, aluminum, and plastic and most of the material, either by weight or volume, is plastic, report it as a plastic product. If, however, most of the product, either by weight or volume, is steel, report the product as a steel product.
- (3) Identify the Construction Specifications Institute (CSI) Specification Section number for the product, as indicated in the Project Specifications.
- (4) Below are products preliminarily identified in the Project Specifications as having minimum recycled content requirements. Refer to the Project Specifications for individual sections in the specifications for recycled content level that must be achieved. Recycled content guidelines shall include, but not be limited to, the products below (to be revised for each project):

1.	Parking Bumpers (Section 2760)	11.	Cold-Formed Metal Framing (Section 05400)
2.	Fluid-Applied Waterproofing (Section 07140)	12.	Gypsum board (Sections 09255, 09260, 09265)
3.	Concrete Reinforcement (Section 03200)	13.	Ceramic Tile (Section 09300)
4.	Bentonite Waterproofing (Section 07170)	14.	Acoustical Ceilings (Section 09510)
5.	Structural Steel (Section 05120)	15.	Resilient Flooring (Section 09650)
6.	Metal Decking (Section 05300)	16.	Carpeting (Sections 09682, 09686)
7.	Building Insulation (Section 07210)	17.	Metal Toilet Compartments (Section 10160)
8.	Steel Doors and Frames (Section 08110)	18.	Identifying Devices (Section 10400)
9.	Glazing (Section 08800)	19.	Architectural Woodwork (Section 06400)
10.	Paints and Coatings (Section 09900)		

- (5) Virgin material content is that portion of the product made from non-recycled material, that is, the material is neither post-industrial nor postconsumer material.
- (6) Post-consumer material is defined as "a finished material which would have been disposed of as a solid waste, having completed its life cycle as a consumer item, and does not include manufacturing wastes." This is material, such as a newspaper, that is read, recycled and then made into recycled content newsprint or some other recycled product. Post-consumer material is generally any product that is bought by the consumer, used, and then recycled into another product.
- (7) Post-industrial (also referred to as pre-consumer or secondary material) is defined as "fragments of finished products or finished products of a manufacturing process, which has converted a resource into a commodity of real economic value, but does not include excess virgin resources of the manufacturing process." This is material, such as newsprint, that is trimmed from a roll in the paper plant that is returned to the beginning of the process to make recycled content newsprint. The material (product) did not get to the consumer before being recycled. Post-industrial material DOES NOT include post-consumer material. FOR EXAMPLE: If a Printing and Writing Paper contained 20% post-consumer material, you would indicate 20 in the post-consumer column and 80 in the virgin column. If the product had 40% secondary material and 20% post-consumer material, you would indicate 40 in the post-industrial column, 20 in the post-consumer column, and 40 in the virgin column.
- (8) The sum of the percentages for virgin, post-consumer, and post-industrial content must equal 100 percent.

## SECTION 01 35 00 SCHEDULE OF FINISHES



### INTERIOR COATINGS

Gypsum Board - Flat, Acrylic Copolym	er	PAGE
1st Coat: Vinylastic® (W 101)	Interior Pigmented Sealer	S31
2nd Coat: Walltone® (W 420)	Interior Latex Flat Paint	S32
3rd Coat: Walltone® (W 420)	Interior Latex Flat Paint	S32
Gypsum Board - Flat, Modified Copoly	mer	
1st Coat: Ecoshield™ Primer (W 600)	Low-Odor/Zero-VOC Interior Latex Primer	S6
2nd Coat: Ecoshield™ Flat (W 601)	Low-Odor/Zero-VOC Interior Latex Flat Paint	S7
3rd Coat: Ecoshield™ Flat (W 601)	Low-Odor/Zero-VOC Interior Latex Flat Paint	S7
<b>Gypsum Board - Low Sheen, Modified</b>	Copolymer	
1st Coat: Ecoshield™ Primer (W 600)	Low-Odor/Zero-VOC Interior Latex Primer	S6
2nd Coat: Ecoshield™ Low Sheen (W 602)	Low-Odor/Zero-VOC Interior Latex Low Sheen Paint	S8
3rd Coat: Ecoshield™ Low Sheen (W 602)	Low-Odor/Zero-VOC Interior Latex Low Sheen Paint	S8
Gypsum Board - Semi-Gloss, Acrylic		
1st Coat: Vinylastic® (W 101)	Interior Pigmented Sealer	S31
2nd Coat: Decoglo® (W 450V)	Interior Acrylic Semi-Gloss Paint	S5
3rd Coat: Decoglo® (W 450V)	Interior Acrylic Semi-Gloss Paint	S5
Gypsum Board - Semi-Gloss, Acrylic		
1st Coat: Ecoshield™ Primer (W 600)	Low-Odor/Zero-VOC Interior Latex Primer	S6
2nd Coat: Ecoshield™ Semi-Gloss (W 603)	Low-Odor/Zero-VOC Interior Acrylic Semi-Gloss Paint	S9
3rd Coat: Ecoshield™ Semi-Gloss (W 603)	Low-Odor/Zero-VOC Interior Acrylic Semi-Gloss Paint	S9
Plaster, Concrete - Flat, Acrylic Copoly	ymer	
1st Coat: Ultra-Grip® (W 715)	Acrylic Multi-Purpose Primer	S30
2nd Coat: Walltone® (W 420)	Interior Latex Flat Paint	S32
3rd Coat: Walltone® (W 420)	Interior Latex Flat Paint	S32
Plaster, Concrete - Flat, Modified Cope	olymer	
1st Coat: Ecoshield™ Primer (W 600)	Low-Odor/Zero-VOC Interior Latex Primer	S6
2nd Coat: Ecoshield™ Flat (W 601)	Low-Odor/Zero-VOC Interior Latex Flat Paint	S7
3rd Coat: Ecoshield™ Flat (W 601)	Low-Odor/Zero-VOC Interior Latex Flat Paint	S7
Plaster, Concrete - Low Sheen, Modifie	ed Copolymer	
1st Coat: Ecoshield™ Primer (W 600)	Low-Odor/Zero-VOC Interior Latex Primer	S6
2nd Coat: Ecoshield™ Low Sheen (W 602)	Low-Odor/Zero-VOC Interior Latex Low Sheen Paint	S8
3rd Coat: Ecoshield™ Low Sheen (W 602)	Low-Odor/Zero-VOC Interior Latex Low Sheen Paint	S8

Plaster, Concrete - Semi-Gloss, Acrylic		
1st Coat: Ultra-Grip® (W 715)	Acrylic Multi-Purpose Primer	S30
2nd Coat: Decoglo® (W 450V)	Interior Acrylic Semi-Gloss Paint	S5
3rd Coat: Decoglo® (W 450V)	Interior Acrylic Semi-Gloss Paint	S5
Plaster, Concrete - Semi-Gloss, Acrylic		00
		cc
1st Coat: Ecoshield™ Primer (W 600)	Low-Odor/Zero-VOC Interior Latex Primer	S6
2nd Coat: Ecoshield™ Semi-Gloss (W 603)	Low-Odor/Zero-VOC Interior Acrylic Semi-Gloss Paint	S9
3rd Coat: Ecoshield™ Semi-Gloss (W 603)	Low-Odor/Zero-VOC Interior Acrylic Semi-Gloss Paint	S9
Masonry (CMU) With Block Filler - Flat		
1st Coat: Block Filler	Ask your Dunn-Edwards Representative	000
2nd Coat: Walltone® (W 420)	Interior Latex Flat Paint	S32
3rd Coat: Walltone® (W 420)	Interior Latex Flat Paint	S32
Masonry (CMU) With Block Filler - Flat		
1st Coat: Block Filler	Ask your Dunn-Edwards Representative	
2nd Coat: Ecoshield™ Flat (W 601)	Low-Odor/Zero-VOC Interior Latex Flat Paint	S7
3rd Coat: Ecoshield™ Flat (W 601)	Low-Odor/Zero-VOC Interior Latex Flat Paint	S7
Masonry (CMU) With Block Filler - Low	Sheen, Modified Copolymer	
1st Coat: Block Filler	Ask your Dunn-Edwards Representative	
2nd Coat: Ecoshield™ Low Sheen (W 602)	Low-Odor/Zero-VOC Interior Latex Low Sheen Paint	S8
3rd Coat: Ecoshield™ Low Sheen (W 602)	Low-Odor/Zero-VOC Interior Latex Low Sheen Paint	S8
Masonry (CMU) With Block Filler - Sem	ni-Gloss, Acrylic	
1st Coat: Block Filler	Ask your Dunn-Edwards Representative	
2nd Coat: Decoglo® (W 450V)	Interior Acrylic Semi-Gloss Paint	S5
3rd Coat: Decoglo® (W 450V)	Interior Acrylic Semi-Gloss Paint	S5
Masonry (CMU) With Block Filler - Sem	ni-Gloss, Acrylic	
1st Coat: Block Filler	Ask your Dunn-Edwards Representative	
2nd Coat: Ecoshield™ Semi-Gloss (W 603)	Low-Odor/Zero-VOC Interior Acrylic Semi-Gloss Paint	S9
3rd Coat: Ecoshield™ Semi-Gloss (W 603)	Low-Odor/Zero-VOC Interior Acrylic Semi-Gloss Paint	S9
Masonry (CMU) Without Block Filler - F	Flat, Acrylic Copolymer	
1st Coat: Ultra-Grip® (W 715)	Acrylic Multi-Purpose Primer	S30
2nd Coat: Walltone® (W 420)	Interior Latex Flat Paint	S32
3rd Coat: Walltone® (W 420)	Interior Latex Flat Paint	S32
Masonry (CMU) Without Block Filler - F	Flat. Modified Copolymer	
1st Coat: Ecoshield™ Primer (W 600)	Low-Odor/Zero-VOC Interior Latex Primer	S6
2nd Coat: Ecoshield™ Flat (W 601)	Low-Odor/Zero-VOC Interior Latex Flat Paint	S7
3rd Coat: Ecoshield™ Flat (W 601)	Low-Odor/Zero-VOC Interior Latex Flat Paint	S7
Masonry (CMU) Without Block Filler - L		
1st Coat: Ecoshield™ Primer (W 600)	Low-Odor/Zero-VOC Interior Latex Primer	S6
2nd Coat: Ecoshield™ Low Sheen (W 602)	Low-Odor/Zero-VOC Interior Latex Low Sheen Paint	S8
3rd Coat: Ecoshield™ Low Sheen (W 602)	Low-Odor/Zero-VOC Interior Latex Low Sheen Paint	S8
Masonry (CMU) Without Block Filler - S		30
1st Coat: Ultra-Grip® (W 715)	Acrylic Multi-Purpose Primer	S30
2nd Coat: Decoglo® (W 450V)	Interior Acrylic Semi-Gloss Paint	S5
3rd Coat: Decoglo® (W 450V)	Interior Acrylic Semi-Gloss Paint  Interior Acrylic Semi-Gloss Paint	S5
SIG GOAL DECOUNT (W 450V)	IIILETIOI ACI YIIC SEITII-UIUSS FAIIIL	აა

Masonry (CMU) Without Block Filler - Semi-Gloss, Acrylic1st Coat: Ecoshield™ Primer (W 600)Low-Odor/Zero-VOC Interior Latex PrimerS62nd Coat: Ecoshield™ Semi-Gloss (W 603)Low-Odor/Zero-VOC Interior Acrylic Semi-Gloss PaintS93rd Coat: Ecoshield™ Semi-Gloss (W 603)Low-Odor/Zero-VOC Interior Acrylic Semi-Gloss PaintS9Wood - Flat, Acrylic CopolymerS301st Coat: Ultra-Grip® (W 715)Acrylic Multi-Purpose PrimerS302nd Coat: Walltone® (W 420)Interior Latex Flat PaintS323rd Coat: Walltone® (W 420)Interior Latex Flat PaintS32							
2nd Coat: Ecoshield™ Semi-Gloss (W 603)Low-Odor/Zero-VOC Interior Acrylic Semi-Gloss PaintS93rd Coat: Ecoshield™ Semi-Gloss (W 603)Low-Odor/Zero-VOC Interior Acrylic Semi-Gloss PaintS9Wood - Flat, Acrylic CopolymerAcrylic Multi-Purpose PrimerS302nd Coat: Walltone® (W 420)Interior Latex Flat PaintS32	$\dashv$						
3rd Coat: Ecoshield™ Semi-Gloss (W 603)Low-Odor/Zero-VOC Interior Acrylic Semi-Gloss PaintS9Wood - Flat, Acrylic CopolymerS301st Coat: Ultra-Grip® (W 715)Acrylic Multi-Purpose PrimerS302nd Coat: Walltone® (W 420)Interior Latex Flat PaintS32							
Wood - Flat, Acrylic Copolymer1st Coat: Ultra-Grip® (W 715)Acrylic Multi-Purpose PrimerS302nd Coat: Walltone® (W 420)Interior Latex Flat PaintS32	-						
1st Coat: Ultra-Grip® (W 715)Acrylic Multi-Purpose PrimerS302nd Coat: Walltone® (W 420)Interior Latex Flat PaintS32							
2nd Coat: Walltone® (W 420) Interior Latex Flat Paint S32							
	$\dashv$						
3rd Coat: Walltone® (W 420) Interior Latex Flat Paint S32							
Wood - Flat, Modified Copolymer							
1st Coat: Ecoshield™ Primer (W 600)Low-Odor/Zero-VOC Interior Latex PrimerS6							
2nd Coat: Ecoshield™ Flat (W 601)Low-Odor/Zero-VOC Interior Latex Flat PaintS7							
3rd Coat: Ecoshield™ Flat (W 601)Low-Odor/Zero-VOC Interior Latex Flat PaintS7							
Wood - Low Sheen, Modified Copolymer							
<b>1st Coat: Ecoshield™ Primer (W 600)</b> Low-Odor/Zero-VOC Interior Latex Primer S6							
2nd Coat: Ecoshield™ Low Sheen (W 602) Low-Odor/Zero-VOC Interior Latex Low Sheen Paint S8							
3rd Coat: Ecoshield™ Low Sheen (W 602) Low-Odor/Zero-VOC Interior Latex Low Sheen Paint S8							
Wood - Semi-Gloss, Acrylic							
1st Coat: Ultra-Grip® (W 715) Acrylic Multi-Purpose Primer S30	П						
2nd Coat: Decoglo® (W 450V) Interior Acrylic Semi-Gloss Paint S5							
3rd Coat: Decoglo® (W 450V) Interior Acrylic Semi-Gloss Paint S5							
Wood - Semi-Gloss, Acrylic							
1st Coat: Ecoshield™ Primer (W 600) Low-Odor/Zero-VOC Interior Latex Primer S6	П						
2nd Coat: Ecoshield™ Semi-Gloss (W 603) Low-Odor/Zero-VOC Interior Acrylic Semi-Gloss Paint S9							
3rd Coat: Ecoshield™ Semi-Gloss (W 603) Low-Odor/Zero-VOC Interior Acrylic Semi-Gloss Paint S9							
Synthetic Wood - Flat, Acrylic Copolymer							
1st Coat: Ultra-Grip® (W 715) Acrylic Multi-Purpose Primer S30	П						
2nd Coat: Walltone® (W 420) Interior Latex Flat Paint S32	$\neg$						
3rd Coat: Walltone® (W 420) Interior Latex Flat Paint S32							
Synthetic Wood - Flat, Modified Copolymer							
1st Coat: Ecoshield™ Primer (W 600) Low-Odor/Zero-VOC Interior Latex Primer S6	П						
2nd Coat: Ecoshield™ Flat (W 601) Low-Odor/Zero-VOC Interior Latex Flat Paint S7	コ						
3rd Coat: Ecoshield™ Flat (W 601) Low-Odor/Zero-VOC Interior Latex Flat Paint S7							
Synthetic Wood - Low Sheen, Modified Copolymer							
<b>1st Coat: Ecoshield™ Primer (W 600)</b> Low-Odor/Zero-VOC Interior Latex Primer S6							
2nd Coat: Ecoshield™ Low Sheen (W 602) Low-Odor/Zero-VOC Interior Latex Low Sheen Paint S8							
3rd Coat: Ecoshield™ Low Sheen (W 602) Low-Odor/Zero-VOC Interior Latex Low Sheen Paint S8							
Synthetic Wood - Semi-Gloss, Acrylic							
1st Coat: Ultra-Grip® (W 715) Acrylic Multi-Purpose Primer S30							
2nd Coat: Decoglo® (W 450V) Interior Acrylic Semi-Gloss Paint S5	$\dashv$						
3rd Coat: Decoglo® (W 450V) Interior Acrylic Semi-Gloss Paint S5							
Synthetic Wood - Semi-Gloss, Acrylic							
<b>1st Coat: Ecoshield™ Primer (W 600)</b> Low-Odor/Zero-VOC Interior Latex Primer S6							
2nd Coat: Ecoshield™ Semi-Gloss (W 603) Low-Odor/Zero-VOC Interior Acrylic Semi-Gloss Paint S9	$\dashv$						
3rd Coat: Ecoshield™ Semi-Gloss (W 603) Low-Odor/Zero-VOC Interior Acrylic Semi-Gloss Paint S9							

Ferrous Metals - Flat, Acrylic Copolym	OM	
		S30
1st Coat: Ultra-Grip® (W 715)	Acrylic Multi-Purpose Primer  Interior Latex Flat Paint	S32
2nd Coat: Walltone® (W 420)		
3rd Coat: Walltone® (W 420)	Interior Latex Flat Paint	S32
Ferrous Metals - Flat, Modified Copoly		
1st Coat: Ultra-Grip® (W 715)	Acrylic Multi-Purpose Primer	S30
2nd Coat: Ecoshield™ Flat (W 601)	Low-Odor/Zero-VOC Interior Latex Flat Paint	S7
3rd Coat: Ecoshield™ Flat (W 601)	Low-Odor/Zero-VOC Interior Latex Flat Paint	S7
Ferrous Metals - Low Sheen, Modified	Copolymer	
1st Coat: Ultra-Grip® (W 715)	Acrylic Multi-Purpose Primer	S30
2nd Coat: Ecoshield™ Low Sheen (W 602)	Low-Odor/Zero-VOC Interior Latex Low Sheen Paint	S8
3rd Coat: Ecoshield™ Low Sheen (W 602)	Low-Odor/Zero-VOC Interior Latex Low Sheen Paint	S8
Ferrous Metals - Semi-Gloss, Acrylic		
1st Coat: Ultra-Grip® (W 715)	Acrylic Multi-Purpose Primer	S30
2nd Coat: Decoglo® (W 450V)	Interior Acrylic Semi-Gloss Paint	S5
3rd Coat: Decoglo® (W 450V)	Interior Acrylic Semi-Gloss Paint	S5
Ferrous Metals - Semi-Gloss, Acrylic		
1st Coat: Ultra-Grip® (W 715)	Acrylic Multi-Purpose Primer	S30
2nd Coat: Ecoshield™ Semi-Gloss (W 603)	Low-Odor/Zero-VOC Interior Acrylic Semi-Gloss Paint	S9
3rd Coat: Ecoshield™ Semi-Gloss (W 603)	Low-Odor/Zero-VOC Interior Acrylic Semi-Gloss Paint	S9
Non-Ferrous Metals - Flat, Acrylic Cop	olymer	
1st Coat: Ultra-Grip® (W 715)	Acrylic Multi-Purpose Primer	S30
2nd Coat: Walltone® (W 420)	Interior Latex Flat Paint	S32
3rd Coat: Walltone® (W 420)	Interior Latex Flat Paint	S32
Non-Ferrous Metals - Flat, Modified Copolymer		
1st Coat: Ultra-Grip® (W 715)	Acrylic Multi-Purpose Primer	S30
2nd Coat: Ecoshield™ Flat (W 601)	Low-Odor/Zero-VOC Interior Latex Flat Paint	S7
3rd Coat: Ecoshield™ Flat (W 601)	Low-Odor/Zero-VOC Interior Latex Flat Paint	S7
Non-Ferrous Metals - Low Sheen, Mod	ified Copolymer	
1st Coat: Ultra-Grip® (W 715)	Acrylic Multi-Purpose Primer	S30
2nd Coat: Ecoshield™ Low Sheen (W 602)	Low-Odor/Zero-VOC Interior Latex Low Sheen Paint	S8
3rd Coat: Ecoshield™ Low Sheen (W 602)	Low-Odor/Zero-VOC Interior Latex Low Sheen Paint	S8
Non-Ferrous Metals - Semi-Gloss, Acry	ylic	
1st Coat: Ultra-Grip® (W 715)	Acrylic Multi-Purpose Primer	S30
2nd Coat: Decoglo® (W 450V)	Interior Acrylic Semi-Gloss Paint	S5
3rd Coat: Decoglo® (W 450V)	Interior Acrylic Semi-Gloss Paint	S5
Non-Ferrous Metals - Semi-Gloss, Acry		
1st Coat: Ultra-Grip® (W 715)	Acrylic Multi-Purpose Primer	S30
2nd Coat: Ecoshield™ Semi-Gloss (W 603)	Low-Odor/Zero-VOC Interior Acrylic Semi-Gloss Paint	S9
3rd Coat: Ecoshield™ Semi-Gloss (W 603)	Low-Odor/Zero-VOC Interior Acrylic Semi-Gloss Paint	S9
	1	1

# Low-Odor & Low- or Zero-VOC Products

#### **LOW ODOR**

Primer		PAGE
Ecoshield™ Primer (W 600)	Low-Odor/Zero-VOC Interior Latex Primer	S6
Flat		
Ecoshield™ Flat (W 601)	Low-Odor/Zero-VOC Interior Latex Flat Paint	S7
Non-Flats		
Ecoshield™ Low Sheen (W 602)	Low-Odor/Zero-VOC Interior Latex Low Sheen Paint	S8
Ecoshield™ Semi-Gloss (W 603)	Low-Odor/Zero-VOC Interior Acrylic Semi-Gloss Paint	S9

#### **ZERO VOC**

Primers		PAGE
Ecoshield™ Primer (W 600)	Low-Odor/Zero-VOC Interior Latex Primer	S6
Monopole – Monochem 1*	Zero-VOC Waterborne Epoxy Primer	S17
Sierra Performance Griptec S30*	Zero-VOC Multi-Surface Primer	S21-24
Flats		
Acoustikote® (W 615)	Latex Flat Ceiling Paint	S2
Ecoshield™ Flat (W 601)	Low-Odor/Zero-VOC Interior Latex Flat Paint	S7
Non-Flats		
Ecoshield™ Low Sheen (W 602)	Low-Odor/Zero-VOC Interior Latex Low Sheen Paint	S8
Ecoshield™ Semi-Gloss (W 603)	Low-Odor/Zero-VOC Interior Acrylic Semi-Gloss Paint	S9
Monopole – Monochem 200*	Zero-VOC Waterborne Semi-Gloss Epoxy	S18-19
Monopole – Monochem 200*	Zero-VOC Waterborne Gloss Epoxy	S18-19
Genesis Coatings – GCP 1000*	Zero-VOC Gloss Polyurethane	S16

Paints are generally classified "Zero-VOC" because they contain none of the solvents that are added to conventional latex paints. Trace amounts of VOC may be present as residual components of other ingredients.

<sup>\*</sup> Distributed by Dunn-Edwards Corporation.

# Low-Odor & Low- or Zero-Voc Schedule of Finishes

### INTERIOR COATINGS



Gypsum Board - Flat, Modified Copolymer	•	PAGE
1st Coat: Ecoshield™ Primer (W 600)	Low-Odor/Zero-VOC Interior Latex Primer	S6
2nd Coat: Ecoshield™ Flat (W 601)	Low-Odor/Zero-VOC Interior Latex Flat Paint	S7
3rd Coat: Ecoshield™ Flat (W 601)	Low-Odor/Zero-VOC Interior Latex Flat Paint	S7
<b>Gypsum Board - Low Sheen, Modified</b>	Copolymer	
1st Coat: Ecoshield™ Primer (W 600)	Low-Odor/Zero-VOC Interior Latex Primer	S6
2nd Coat: Ecoshield™ Low Sheen (W 602)	Low-Odor/Zero-VOC Interior Latex Low Sheen Paint	S8
3rd Coat: Ecoshield™ Low Sheen (W 602)	Low-Odor/Zero-VOC Interior Latex Low Sheen Paint	S8
Gypsum Board - Semi-Gloss, Acrylic		
1st Coat: Ecoshield™ Primer (W 600)	Low-Odor/Zero-VOC Interior Latex Primer	S6
2nd Coat: Ecoshield™ Semi-Gloss (W 603)	Low-Odor/Zero-VOC Interior Acrylic Semi-Gloss Paint	S9
3rd Coat: Ecoshield™ Semi-Gloss (W 603)	Low-Odor/Zero-VOC Interior Acrylic Semi-Gloss Paint	S9
Gypsum Board - Semi-Gloss, Epoxy		
1st Coat: Monopole – Monochem 1*	Zero-VOC Waterborne Epoxy Primer	S17
2nd Coat: Monopole – Monochem 200*	Zero-VOC Waterborne Semi-Gloss Epoxy	S18-19
3rd Coat: Monopole – Monochem 200*	Zero-VOC Waterborne Semi-Gloss Epoxy	S18-19
Gypsum Board - Gloss, Epoxy		
1st Coat: Monopole – Monochem 1*	Zero-VOC Waterborne Epoxy Primer	S17
2nd Coat: Monopole – Monochem 200*	Zero-VOC Waterborne Gloss Epoxy	S18-19
3rd Coat: Monopole – Monochem 200*	Zero-VOC Waterborne Gloss Epoxy	S18-19
Acoustic Ceiling - Flat, Acrylic Copolyr	ner	
1st Coat: Acoustikote® (W 615)	Latex Flat Ceiling Paint	S2
2nd Coat: Acoustikote® (W 615)	Latex Flat Ceiling Paint	S2
Plaster, Concrete - Flat, Modified Copo	olymer	
1st Coat: Ecoshield™ Primer (W 600)	Low-Odor/Zero-VOC Interior Latex Primer	S6
2nd Coat: Ecoshield™ Flat (W 601)	Low-Odor/Zero-VOC Interior Latex Flat Paint	S7
3rd Coat: Ecoshield™ Flat (W 601)	Low-Odor/Zero-VOC Interior Latex Flat Paint	S7

<sup>\*</sup> Distributed by Dunn-Edwards Corporation.

Plaster, Concrete - Low Sheen, Modifi	ied Conclumer		
	• •	CC	
1st Coat: Ecoshield™ Primer (W 600)	Low-Odor/Zero-VOC Interior Latex Primer  Low-Odor/Zero-VOC Interior Latex Low Sheen Paint	S6	
2nd Coat: Ecoshield™ Low Sheen (W 602)		S8	
3rd Coat: Ecoshield™ Low Sheen (W 602)	Low-Odor/Zero-VOC Interior Latex Low Sheen Paint	S8	
	Plaster, Concrete - Semi-Gloss, Acrylic		
1st Coat: Ecoshield™ Primer (W 600)	Low-Odor/Zero-VOC Interior Latex Primer	S6	
2nd Coat: Ecoshield™ Semi-Gloss (W 603)	Low-Odor/Zero-VOC Interior Acrylic Semi-Gloss Paint	S9	
3rd Coat: Ecoshield™ Semi-Gloss (W 603)	Low-Odor/Zero-VOC Interior Acrylic Semi-Gloss Paint	S9	
Plaster, Concrete - Semi-Gloss, Epoxy			
1st Coat: Monopole – Monochem 1*	Waterborne Epoxy Primer	S17	
2nd Coat: Monopole – Monochem 200*	Zero-VOC Waterborne Semi-Gloss Epoxy	S18-19	
3rd Coat: Monopole – Monochem 200*	Zero-VOC Waterborne Semi-Gloss Epoxy	S18-19	
Plaster, Concrete - Gloss, Epoxy			
1st Coat: Monopole – Monochem 1*	Waterborne Epoxy Primer	S17	
2nd Coat: Monopole – Monochem 200*	Zero-VOC Waterborne Gloss Epoxy	S18-19	
3rd Coat: Monopole – Monochem 200⁺	Zero-VOC Waterborne Gloss Epoxy	S18-19	
<b>Masonry (CMU) With Block Filler - Flat,</b>	Modified Copolymer		
1st Coat: Block Filler	Ask your Dunn-Edwards Representative		
2nd Coat: Ecoshield™ Flat (W 601)	Low-Odor/Zero-VOC Interior Latex Flat Paint	S7	
3rd Coat: Ecoshield™ Flat (W 601)	Low-Odor/Zero-VOC Interior Latex Flat Paint	S7	
Masonry (CMU) With Block Filler - Low	Sheen, Modified Copolymer		
1st Coat: Block Filler	Ask your Dunn-Edwards Representative		
		S8	
1st Coat: Block Filler	Ask your Dunn-Edwards Representative	\$8 \$8	
1st Coat: Block Filler 2nd Coat: Ecoshield™ Low Sheen (W 602)	Ask your Dunn-Edwards Representative  Low-Odor/Zero-VOC Interior Latex Low Sheen Paint  Low-Odor/Zero-VOC Interior Latex Low Sheen Paint		
1st Coat: Block Filler  2nd Coat: Ecoshield™ Low Sheen (W 602)  3rd Coat: Ecoshield™ Low Sheen (W 602)	Ask your Dunn-Edwards Representative  Low-Odor/Zero-VOC Interior Latex Low Sheen Paint  Low-Odor/Zero-VOC Interior Latex Low Sheen Paint		
1st Coat: Block Filler  2nd Coat: Ecoshield™ Low Sheen (W 602)  3rd Coat: Ecoshield™ Low Sheen (W 602)  Masonry (CMU) With Block Filler - Set	Ask your Dunn-Edwards Representative  Low-Odor/Zero-VOC Interior Latex Low Sheen Paint  Low-Odor/Zero-VOC Interior Latex Low Sheen Paint  mi-Gloss, Acrylic		
1st Coat: Block Filler  2nd Coat: Ecoshield™ Low Sheen (W 602)  3rd Coat: Ecoshield™ Low Sheen (W 602)  Masonry (CMU) With Block Filler - Set  1st Coat: Block Filler	Ask your Dunn-Edwards Representative  Low-Odor/Zero-VOC Interior Latex Low Sheen Paint  Low-Odor/Zero-VOC Interior Latex Low Sheen Paint  mi-Gloss, Acrylic  Ask your Dunn-Edwards Representative	S8	
1st Coat: Block Filler  2nd Coat: Ecoshield™ Low Sheen (W 602)  3rd Coat: Ecoshield™ Low Sheen (W 602)  Masonry (CMU) With Block Filler - Ser  1st Coat: Block Filler  2nd Coat: Ecoshield™ Semi-Gloss (W 603)  3rd Coat: Ecoshield™ Semi-Gloss (W 603)	Ask your Dunn-Edwards Representative  Low-Odor/Zero-VOC Interior Latex Low Sheen Paint  Low-Odor/Zero-VOC Interior Latex Low Sheen Paint  mi-Gloss, Acrylic  Ask your Dunn-Edwards Representative  Low-Odor/Zero-VOC Interior Acrylic Semi-Gloss Paint  Low-Odor/Zero-VOC Interior Acrylic Semi-Gloss Paint	\$8 \$9	
1st Coat: Block Filler  2nd Coat: Ecoshield™ Low Sheen (W 602)  3rd Coat: Ecoshield™ Low Sheen (W 602)  Masonry (CMU) With Block Filler - Set  1st Coat: Block Filler  2nd Coat: Ecoshield™ Semi-Gloss (W 603)	Ask your Dunn-Edwards Representative  Low-Odor/Zero-VOC Interior Latex Low Sheen Paint  Low-Odor/Zero-VOC Interior Latex Low Sheen Paint  mi-Gloss, Acrylic  Ask your Dunn-Edwards Representative  Low-Odor/Zero-VOC Interior Acrylic Semi-Gloss Paint  Low-Odor/Zero-VOC Interior Acrylic Semi-Gloss Paint	\$8 \$9	
1st Coat: Block Filler  2nd Coat: Ecoshield™ Low Sheen (W 602)  3rd Coat: Ecoshield™ Low Sheen (W 602)  Masonry (CMU) With Block Filler - Set  1st Coat: Block Filler  2nd Coat: Ecoshield™ Semi-Gloss (W 603)  3rd Coat: Ecoshield™ Semi-Gloss (W 603)  Masonry (CMU) With Block Filler - Set  1st Coat: Block Filler	Ask your Dunn-Edwards Representative  Low-Odor/Zero-VOC Interior Latex Low Sheen Paint  Low-Odor/Zero-VOC Interior Latex Low Sheen Paint  mi-Gloss, Acrylic  Ask your Dunn-Edwards Representative  Low-Odor/Zero-VOC Interior Acrylic Semi-Gloss Paint  Low-Odor/Zero-VOC Interior Acrylic Semi-Gloss Paint  mi-Gloss, Epoxy  Ask your Dunn-Edwards Representative	\$8 \$9 \$9	
1st Coat: Block Filler  2nd Coat: Ecoshield™ Low Sheen (W 602)  3rd Coat: Ecoshield™ Low Sheen (W 602)  Masonry (CMU) With Block Filler - Set  1st Coat: Block Filler  2nd Coat: Ecoshield™ Semi-Gloss (W 603)  3rd Coat: Ecoshield™ Semi-Gloss (W 603)  Masonry (CMU) With Block Filler - Set	Ask your Dunn-Edwards Representative  Low-Odor/Zero-VOC Interior Latex Low Sheen Paint  Low-Odor/Zero-VOC Interior Latex Low Sheen Paint  mi-Gloss, Acrylic  Ask your Dunn-Edwards Representative  Low-Odor/Zero-VOC Interior Acrylic Semi-Gloss Paint  Low-Odor/Zero-VOC Interior Acrylic Semi-Gloss Paint  mi-Gloss, Epoxy	\$8 \$9 \$9 \$9	
1st Coat: Block Filler  2nd Coat: Ecoshield™ Low Sheen (W 602)  3rd Coat: Ecoshield™ Low Sheen (W 602)  Masonry (CMU) With Block Filler - Set  1st Coat: Block Filler  2nd Coat: Ecoshield™ Semi-Gloss (W 603)  3rd Coat: Ecoshield™ Semi-Gloss (W 603)  Masonry (CMU) With Block Filler - Set  1st Coat: Block Filler  2nd Coat: Monopole - Monochem 200*  3rd Coat: Monopole - Monochem 200*	Ask your Dunn-Edwards Representative  Low-Odor/Zero-VOC Interior Latex Low Sheen Paint  Low-Odor/Zero-VOC Interior Latex Low Sheen Paint  mi-Gloss, Acrylic  Ask your Dunn-Edwards Representative  Low-Odor/Zero-VOC Interior Acrylic Semi-Gloss Paint  Low-Odor/Zero-VOC Interior Acrylic Semi-Gloss Paint  mi-Gloss, Epoxy  Ask your Dunn-Edwards Representative  Zero-VOC Waterborne Semi-Gloss Epoxy  Zero-VOC Waterborne Semi-Gloss Epoxy	\$8 \$9	
1st Coat: Block Filler  2nd Coat: Ecoshield™ Low Sheen (W 602)  3rd Coat: Ecoshield™ Low Sheen (W 602)  Masonry (CMU) With Block Filler - Set  1st Coat: Block Filler  2nd Coat: Ecoshield™ Semi-Gloss (W 603)  3rd Coat: Ecoshield™ Semi-Gloss (W 603)  Masonry (CMU) With Block Filler - Set  1st Coat: Block Filler  2nd Coat: Monopole - Monochem 200*	Ask your Dunn-Edwards Representative  Low-Odor/Zero-VOC Interior Latex Low Sheen Paint  Low-Odor/Zero-VOC Interior Latex Low Sheen Paint  mi-Gloss, Acrylic  Ask your Dunn-Edwards Representative  Low-Odor/Zero-VOC Interior Acrylic Semi-Gloss Paint  Low-Odor/Zero-VOC Interior Acrylic Semi-Gloss Paint  mi-Gloss, Epoxy  Ask your Dunn-Edwards Representative  Zero-VOC Waterborne Semi-Gloss Epoxy  Zero-VOC Waterborne Semi-Gloss Epoxy  ss, Epoxy	\$8 \$9 \$9 \$9	
1st Coat: Block Filler  2nd Coat: Ecoshield™ Low Sheen (W 602)  3rd Coat: Ecoshield™ Low Sheen (W 602)  Masonry (CMU) With Block Filler - Set  1st Coat: Block Filler  2nd Coat: Ecoshield™ Semi-Gloss (W 603)  3rd Coat: Ecoshield™ Semi-Gloss (W 603)  Masonry (CMU) With Block Filler - Set  1st Coat: Block Filler  2nd Coat: Monopole - Monochem 200⁴  3rd Coat: Monopole - Monochem 200⁴  Masonry (CMU) With Block Filler - Glost  1st Coat: Block Filler	Ask your Dunn-Edwards Representative  Low-Odor/Zero-VOC Interior Latex Low Sheen Paint  Low-Odor/Zero-VOC Interior Latex Low Sheen Paint  mi-Gloss, Acrylic  Ask your Dunn-Edwards Representative  Low-Odor/Zero-VOC Interior Acrylic Semi-Gloss Paint  Low-Odor/Zero-VOC Interior Acrylic Semi-Gloss Paint  mi-Gloss, Epoxy  Ask your Dunn-Edwards Representative  Zero-VOC Waterborne Semi-Gloss Epoxy  Zero-VOC Waterborne Semi-Gloss Epoxy  Ss, Epoxy  Ask your Dunn-Edwards Representative	\$8 \$9 \$9 \$18-19 \$18-19	
1st Coat: Block Filler  2nd Coat: Ecoshield™ Low Sheen (W 602)  3rd Coat: Ecoshield™ Low Sheen (W 602)  Masonry (CMU) With Block Filler - Set  1st Coat: Block Filler  2nd Coat: Ecoshield™ Semi-Gloss (W 603)  3rd Coat: Ecoshield™ Semi-Gloss (W 603)  Masonry (CMU) With Block Filler - Set  1st Coat: Block Filler  2nd Coat: Monopole - Monochem 200*  3rd Coat: Monopole - Monochem 200*  1st Coat: Block Filler  2nd Coat: Monopole - Monochem 200*	Ask your Dunn-Edwards Representative  Low-Odor/Zero-VOC Interior Latex Low Sheen Paint  Low-Odor/Zero-VOC Interior Latex Low Sheen Paint  mi-Gloss, Acrylic  Ask your Dunn-Edwards Representative  Low-Odor/Zero-VOC Interior Acrylic Semi-Gloss Paint  Low-Odor/Zero-VOC Interior Acrylic Semi-Gloss Paint  mi-Gloss, Epoxy  Ask your Dunn-Edwards Representative  Zero-VOC Waterborne Semi-Gloss Epoxy  Zero-VOC Waterborne Semi-Gloss Epoxy  Ask your Dunn-Edwards Representative  Zero-VOC Waterborne Semi-Gloss Epoxy  Ask your Dunn-Edwards Representative  Zero-VOC Waterborne Gloss Epoxy	\$8 \$9 \$9 \$18-19 \$18-19	
1st Coat: Block Filler  2nd Coat: Ecoshield™ Low Sheen (W 602)  3rd Coat: Ecoshield™ Low Sheen (W 602)  Masonry (CMU) With Block Filler - Set  1st Coat: Block Filler  2nd Coat: Ecoshield™ Semi-Gloss (W 603)  3rd Coat: Ecoshield™ Semi-Gloss (W 603)  Masonry (CMU) With Block Filler - Set  1st Coat: Block Filler  2nd Coat: Monopole - Monochem 200*  3rd Coat: Monopole - Monochem 200*  1st Coat: Block Filler  2nd Coat: Monopole - Monochem 200*  3rd Coat: Monopole - Monochem 200*	Ask your Dunn-Edwards Representative  Low-Odor/Zero-VOC Interior Latex Low Sheen Paint  Low-Odor/Zero-VOC Interior Latex Low Sheen Paint  mi-Gloss, Acrylic  Ask your Dunn-Edwards Representative  Low-Odor/Zero-VOC Interior Acrylic Semi-Gloss Paint  Low-Odor/Zero-VOC Interior Acrylic Semi-Gloss Paint  mi-Gloss, Epoxy  Ask your Dunn-Edwards Representative  Zero-VOC Waterborne Semi-Gloss Epoxy  Zero-VOC Waterborne Semi-Gloss Epoxy  Ask your Dunn-Edwards Representative  Zero-VOC Waterborne Gloss Epoxy  Zero-VOC Waterborne Gloss Epoxy  Zero-VOC Waterborne Gloss Epoxy	\$8 \$9 \$9 \$18-19 \$18-19	
1st Coat: Block Filler  2nd Coat: Ecoshield™ Low Sheen (W 602)  3rd Coat: Ecoshield™ Low Sheen (W 602)  Masonry (CMU) With Block Filler - Set  1st Coat: Block Filler  2nd Coat: Ecoshield™ Semi-Gloss (W 603)  3rd Coat: Ecoshield™ Semi-Gloss (W 603)  Masonry (CMU) With Block Filler - Set  1st Coat: Block Filler  2nd Coat: Monopole - Monochem 200*  3rd Coat: Monopole - Monochem 200*  Masonry (CMU) With Block Filler -Glost  1st Coat: Block Filler  2nd Coat: Monopole - Monochem 200*  3rd Coat: Monopole - Monochem 200*  3rd Coat: Monopole - Monochem 200*  3rd Coat: Monopole - Monochem 200*  Masonry (CMU) Without Block Filler -	Ask your Dunn-Edwards Representative  Low-Odor/Zero-VOC Interior Latex Low Sheen Paint  Low-Odor/Zero-VOC Interior Latex Low Sheen Paint  mi-Gloss, Acrylic  Ask your Dunn-Edwards Representative  Low-Odor/Zero-VOC Interior Acrylic Semi-Gloss Paint  Low-Odor/Zero-VOC Interior Acrylic Semi-Gloss Paint  mi-Gloss, Epoxy  Ask your Dunn-Edwards Representative  Zero-VOC Waterborne Semi-Gloss Epoxy  Zero-VOC Waterborne Semi-Gloss Epoxy  ss, Epoxy  Ask your Dunn-Edwards Representative  Zero-VOC Waterborne Gloss Epoxy  Zero-VOC Waterborne Gloss Epoxy  Zero-VOC Waterborne Gloss Epoxy  Flat, Modified Copolymer	\$8 \$9 \$9 \$18-19 \$18-19 \$18-19	
1st Coat: Block Filler  2nd Coat: Ecoshield™ Low Sheen (W 602)  3rd Coat: Ecoshield™ Low Sheen (W 602)  Masonry (CMU) With Block Filler - Set  1st Coat: Block Filler  2nd Coat: Ecoshield™ Semi-Gloss (W 603)  3rd Coat: Ecoshield™ Semi-Gloss (W 603)  Masonry (CMU) With Block Filler - Set  1st Coat: Block Filler  2nd Coat: Monopole - Monochem 200*  3rd Coat: Monopole - Monochem 200*  1st Coat: Block Filler  2nd Coat: Monopole - Monochem 200*  3rd Coat: Monopole - Monochem 200*  1st Coat: Ecoshield™ Primer (W 600)	Ask your Dunn-Edwards Representative  Low-Odor/Zero-VOC Interior Latex Low Sheen Paint  Low-Odor/Zero-VOC Interior Latex Low Sheen Paint  mi-Gloss, Acrylic  Ask your Dunn-Edwards Representative  Low-Odor/Zero-VOC Interior Acrylic Semi-Gloss Paint  Low-Odor/Zero-VOC Interior Acrylic Semi-Gloss Paint  mi-Gloss, Epoxy  Ask your Dunn-Edwards Representative  Zero-VOC Waterborne Semi-Gloss Epoxy  Zero-VOC Waterborne Semi-Gloss Epoxy  ss, Epoxy  Ask your Dunn-Edwards Representative  Zero-VOC Waterborne Gloss Epoxy  Zero-VOC Waterborne Gloss Epoxy  Zero-VOC Waterborne Gloss Epoxy  Tero-VOC Waterborne Gloss Epoxy  Zero-VOC Waterborne Gloss Epoxy  Low-Odor/Zero-VOC Interior Latex Primer	\$18-19 \$18-19 \$18-19 \$18-19	
1st Coat: Block Filler  2nd Coat: Ecoshield™ Low Sheen (W 602)  3rd Coat: Ecoshield™ Low Sheen (W 602)  Masonry (CMU) With Block Filler - Set  1st Coat: Block Filler  2nd Coat: Ecoshield™ Semi-Gloss (W 603)  3rd Coat: Ecoshield™ Semi-Gloss (W 603)  Masonry (CMU) With Block Filler - Set  1st Coat: Block Filler  2nd Coat: Monopole - Monochem 200*  3rd Coat: Monopole - Monochem 200*  Masonry (CMU) With Block Filler -Glost  1st Coat: Block Filler  2nd Coat: Monopole - Monochem 200*  3rd Coat: Monopole - Monochem 200*  3rd Coat: Monopole - Monochem 200*  3rd Coat: Monopole - Monochem 200*  Masonry (CMU) Without Block Filler -	Ask your Dunn-Edwards Representative  Low-Odor/Zero-VOC Interior Latex Low Sheen Paint  Low-Odor/Zero-VOC Interior Latex Low Sheen Paint  mi-Gloss, Acrylic  Ask your Dunn-Edwards Representative  Low-Odor/Zero-VOC Interior Acrylic Semi-Gloss Paint  Low-Odor/Zero-VOC Interior Acrylic Semi-Gloss Paint  mi-Gloss, Epoxy  Ask your Dunn-Edwards Representative  Zero-VOC Waterborne Semi-Gloss Epoxy  Zero-VOC Waterborne Semi-Gloss Epoxy  ss, Epoxy  Ask your Dunn-Edwards Representative  Zero-VOC Waterborne Gloss Epoxy  Zero-VOC Waterborne Gloss Epoxy  Zero-VOC Waterborne Gloss Epoxy  Flat, Modified Copolymer	\$8 \$9 \$9 \$18-19 \$18-19 \$18-19	

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Masonry (CMU) Without Block Filler -	low Sheen Modified Conclumer	
1st Coat: Ecoshield™ Primer (W 600)	Low-Odor/Zero-VOC Interior Latex Primer	S6
2nd Coat: Ecoshield ™ Low Sheen (W 602)	Low-Odor/Zero-VOC Interior Latex Low Sheen Paint	S8
3rd Coat: Ecoshield™ Low Sheen (W 602)	Low-Odor/Zero-VOC Interior Latex Low Sheen Paint  Low-Odor/Zero-VOC Interior Latex Low Sheen Paint	S8
Masonry (CMU) Without Block Filler - S		30
1st Coat: Ecoshield™ Primer (W 600)	Low-Odor/Zero-VOC Interior Latex Primer	S6
` '		S9
2nd Coat: Ecoshield™ Semi-Gloss (W 603)  3rd Coat: Ecoshield™ Semi-Gloss (W 603)	Low-Odor/Zero-VOC Interior Acrylic Semi-Gloss Paint	S9 S9
	Low-Odor/Zero-VOC Interior Acrylic Semi-Gloss Paint	59
Masonry (CMU) Without Block Filler - S		047
1st Coat: Monopole – Monochem 1*	Zero-VOC Waterborne Epoxy Primer	S17
2nd Coat: Monopole – Monochem 200*	Zero-VOC Waterborne Semi-Gloss Epoxy	S18-19
3rd Coat: Monopole – Monochem 200*	Zero-VOC Waterborne Semi-Gloss Epoxy	S18-19
Masonry (CMU) Without Block Filler -		0.1=
1st Coat: Monopole – Monochem 1*	Zero-VOC Waterborne Epoxy Primer	S17
2nd Coat: Monopole – Monochem 200*	Zero-VOC Waterborne Gloss Epoxy	S18-19
3rd Coat: Monopole – Monochem 200*	Zero-VOC Waterborne Gloss Epoxy	S18-19
Wood - Flat, Modified Copolymer		
1st Coat: Ecoshield™ Primer (W 600)	Low-Odor/Zero-VOC Interior Latex Primer	S6
2nd Coat: Ecoshield™ Flat (W 601)	Low-Odor/Zero-VOC Interior Latex Flat Paint	S7
3rd Coat: Ecoshield™ Flat (W 601)	Low-Odor/Zero-VOC Interior Latex Flat Paint	S7
Wood - Low Sheen, Modified Copolym	er	
1st Coat: Ecoshield™ Primer (W 600)	Low-Odor/Zero-VOC Interior Latex Primer	S6
2nd Coat: Ecoshield™ Low Sheen (W 602)	Low-Odor/Zero-VOC Interior Latex Low Sheen Paint	S8
3rd Coat: Ecoshield™ Low Sheen (W 602)	Low-Odor/Zero-VOC Interior Latex Low Sheen Paint	S8
Wood - Semi-Gloss, Acrylic		
1st Coat: Ecoshield™ Primer (W 600)	Low-Odor/Zero-VOC Interior Latex Primer	S6
2nd Coat: Ecoshield™ Semi-Gloss (W 603)	Low-Odor/Zero-VOC Interior Acrylic Semi-Gloss Paint	S9
3rd Coat: Ecoshield™ Semi-Gloss (W 603)	Low-Odor/Zero-VOC Interior Acrylic Semi-Gloss Paint	S9
Ferrous Metals - Flat, Modified Copoly	mer en	
1st Coat: Sierra Performance Griptec S30*	Zero-VOC Multi-Surface Primer	S21-24
2nd Coat: Ecoshield™ Flat (W 601)	Low-Odor/Zero-VOC Interior Latex Flat Paint	S7
3rd Coat: Ecoshield™ Flat (W 601)	Low-Odor/Zero-VOC Interior Latex Flat Paint	S7
Ferrous Metals - Low Sheen, Modified Copolymer		
1st Coat: Sierra Performance Griptec S30*	Zero-VOC Multi-Surface Primer	S21-24
2nd Coat: Ecoshield™ Low Sheen (W 602)	Low-Odor/Zero-VOC Interior Latex Low Sheen Paint	S8
3rd Coat: Ecoshield™ Low Sheen (W 602)	Low-Odor/Zero-VOC Interior Latex Low Sheen Paint	S8
Ferrous Metals - Semi-Gloss, Acrylic		
i citoda inctal <u>a actiliados, Activito</u>		
1st Coat: Sierra Performance Griptec S30*	Zero-VOC Multi-Surface Primer	S21-24
1st Coat: Sierra Performance Griptec S30*	Zero-VOC Multi-Surface Primer  Low-Odor/Zero-VOC Interior Acrylic Semi-Gloss Paint	S21-24 S9
		_

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Ferrous Metals - Semi-Gloss, Epoxy		
1st Coat: Monopole – Monochem 1*	Zero-VOC Waterborne Epoxy Primer	S17
2nd Coat: Monopole – Monochem 200*	Zero-VOC Waterborne Semi-Gloss Epoxy	S18-19
3rd Coat: Monopole – Monochem 200*	Zero-VOC Waterborne Semi-Gloss Epoxy	S18-19
Ferrous Metals - Gloss, Epoxy		
1st Coat: Monopole – Monochem 1*	Zero-VOC Waterborne Epoxy Primer	S17
2nd Coat: Monopole – Monochem 200*	Zero-VOC Waterborne Gloss Epoxy	S18-19
3rd Coat: Monopole – Monochem 200*	Zero-VOC Waterborne Gloss Epoxy	S18-19
Ferrous Metals - Gloss Polyurethane		
1st Coat: Genesis Coatings – GCP 1000*	Zero-VOC Gloss Polyurethane	S16
2nd Coat: Genesis Coatings – GCP 1000*	Zero-VOC Gloss Polyurethane	S16
Non-Ferrous Metals - Flat, Modified Co	ppolymer	
1st Coat: Sierra Performance Griptec S30*	Zero-VOC Multi-Surface Primer	S21-24
2nd Coat: Ecoshield™ Flat (W 601)	Low-Odor/Zero-VOC Interior Latex Flat Paint	S7
3rd Coat: Ecoshield™ Flat (W 601)	Low-Odor/Zero-VOC Interior Latex Flat Paint	S7
Non-Ferrous Metals - Low Sheen, Mod	lified Copolymer	
1st Coat: Sierra Performance Griptec S30*	Zero-VOC Multi-Surface Primer	S21-24
2nd Coat: Ecoshield™ Low Sheen (W 602)	Low-Odor/Zero-VOC Interior Latex Low Sheen Paint	S8
3rd Coat: Ecoshield™ Low Sheen (W 602)	Low-Odor/Zero-VOC Interior Latex Low Sheen Paint	S8
Non-Ferrous Metals - Semi-Gloss, Acry	ylic	
1st Coat: Sierra Performance Griptec S30*	Zero-VOC Multi-Surface Primer	S21-24
2nd Coat: Ecoshield™ Semi-Gloss (W 603)	Low-Odor/Zero-VOC Interior Acrylic Semi-Gloss Paint	S9
3rd Coat: Ecoshield™ Semi-Gloss (W 603)	Low-Odor/Zero-VOC Interior Acrylic Semi-Gloss Paint	S9
Non-Ferrous Metals - Semi-Gloss, Epo	ху	
1st Coat: Monopole – Monochem 1*	Zero-VOC Waterborne Epoxy Primer	S17
2nd Coat: Monopole – Monochem 200*	Zero-VOC Waterborne Semi-Gloss Epoxy	S18-19
3rd Coat: Monopole – Monochem 200*	Zero-VOC Waterborne Semi-Gloss Epoxy	S18-19
Non-Ferrous Metals - Gloss, Epoxy		
1st Coat: Monopole – Monochem 1*	Zero-VOC Waterborne Epoxy Primer	S17
2nd Coat: Monopole – Monochem 200*	Zero-VOC Waterborne Gloss Epoxy	S18-19
3rd Coat: Monopole – Monochem 200*	Zero-VOC Waterborne Gloss Epoxy	S18-19
Non-Ferrous Metals - Gloss Polyuretha		
1st Coat: Genesis Coatings – GCP 1000*	Zero-VOC Gloss Polyurethane	S16
2nd Coat: Genesis Coatings – GCP 1000*	,	

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## RECYCLED LATEX PAINTS

In November 2000, Dunn-Edwards Corporation and Amazon Environmental, Inc. signed an agreement to launch a cooperative venture for producing and marketing recycled latex paints.

Amazon is Dunn-Edwards' exclusive supplier of recycled latex paints, and Dunn-Edwards is Amazon's exclusive distributor of recycled latex paints, sold under the Recover® brand name in Arizona, California, Colorado, Nevada, New Mexico, and Texas.

This cooperative venture has allowed each company to focus on its own key strengths and expertise, and to combine their efforts in ways that will greatly expand the availability and use of recycled latex paints.

In California, paint recycling has been spurred by local government "Household Hazardous Waste" collection programs; approximately 20 to 25 percent of the waste collected consists of leftover (but usable) latex paints.

Recycling is the preferred alternative to disposal, but the volume of recyclable latex paint currently outstrips processing capacity and market development.

Amazon has run its paint recycling operations since 1995.

Amazon accepts recyclable latex paints and chemically similar recyclable materials to produce recycled latex paints and a proprietary latex cement additive. This process achieves 100 percent recycling of all accepted materials.

Before the new agreement, Amazon sold its recycled latex paints primarily to various government agencies and graffiti abatement organizations. This venture has helped expand sales of recycled paints into new markets.

Dunn-Edwards and Amazon collaborate on specifications for recycled latex paint products. Amazon has relationships with county and municipal waste agencies, household waste management contractors, industrial waste generators, and other sources of recyclable latex paint.



RECOVER® PRODUCTS	
RE-F07-2	Recycled Gray Flat Paint
RE-F08-2	Recycled Beige Flat Paint

These are stock colors and come in 2-gallon containers. Other colors are available by special order. Ask for details.

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