



## DURASHIELD 3200 LINE

### 100% ACRYLIC EXTERIOR SATIN

DESCRIPTION	PERFORMANCE DATA																				
<p><b>DURASHIELD 100% Acrylic Exterior Latex Satin</b> is a next generation ultra-premium acrylic latex paint recommended to protect and beautify various architectural surfaces in commercial, residential, and institutional applications. The 3200 Line is formulated to have excellent flexibility and exceptional resistance to cracking and blistering. This product also features outstanding adhesion, color &amp; gloss retention, block resistance, and hiding. This mildew resistant<sup>1</sup> product may be applied over properly prepared or previously painted wood siding, hardboard, ferrous or galvanized metals, aluminum siding, brick, stucco, concrete or other masonry surfaces. The satin finish will greatly minimize dirt pick-up, which will help buildings keep a new, fresh painted look. For most repaint work, the 3200 Line may be applied directly to previously painted exterior surfaces in sound condition which have previously been painted with acrylic based paints.</p>	<div><div><ul style="list-style-type: none"><li>• Self Priming</li><li>• One Coat Protection</li><li>• Thicker, flexible Film</li><li>• Easy Application</li><li>• Block Resistant</li></ul></div><div><ul style="list-style-type: none"><li>• Mildew Resistant <sup>1</sup></li><li>• Resists Blistering &amp; Peeling</li><li>• Resists Chalk / Fade</li><li>• Highly Washable</li><li>• Minimize Dirt Pick-Up</li></ul></div></div> <p><b>Perm Rating:</b> @ 6 mils DFT: 5.8</p>																				
SPECIFICATIONS	RECOMMENDED SYSTEMS																				
<p><b>Finish:</b> Satin @ 60° 10 - 20 <b>Solids:</b> 49% by weight/39% by volume ±2% <b>Weight/Gallon:</b> 10.3 ±0.1 Pounds <b>Flash Point:</b> Water-based paint: Not applicable <b>Vehicle Type:</b> 100% Acrylic</p> <p><b>COLOR</b> The product can be tinted to any pastel, deep, or neutral-based color in addition to any of our 1600 custom colors with universal colorants.</p> <p><b>ENVIRONMENTAL</b> <b>VOC:</b> &lt; 100 grams per liter; 0.83 lbs/gal*</p> <p>*Colorants added to this base paint may increase VOC level significantly depending on colorant choice.</p> <table><tr><td colspan="4">As of 9-1-2017 complies with:</td></tr><tr><td>LEED® v3.0</td><td>Yes</td><td>EPA AIM</td><td>Yes</td></tr><tr><td>LEED® v4.0 VOC</td><td>Yes</td><td>SCAQMD 1113</td><td>No</td></tr><tr><td>LEED® v4.0 Emissions</td><td>No</td><td></td><td></td></tr><tr><td>OTC Phase II</td><td>Yes</td><td></td><td></td></tr></table> <p><b>DRY TIME</b> (temperature, humidity and film thickness dependent) @ 77°F and 50% relative humidity <b>To Touch:</b> 2 Hours <b>To Recoat:</b> 4 Hours Minimum</p> <p><b>COVERAGE</b> 250-300 ft²/gal Apply @ WFT of 6.4 Mils, DFT of 2.5 Mils per coat. Two coats are always recommended for maximum durability.</p>	As of 9-1-2017 complies with:				LEED® v3.0	Yes	EPA AIM	Yes	LEED® v4.0 VOC	Yes	SCAQMD 1113	No	LEED® v4.0 Emissions	No			OTC Phase II	Yes			<div><div><p><b>Non-Bleeding Wood</b></p><p>1 ct. En Undercoater #235 <sup>2</sup> 2 cts. Satin #3200 Line</p><p><b>Masonry</b></p><p>1 ct. Bonding Primer #697 2 cts. Satin #3200 Line</p><p><b>Iron/Steel</b></p><p>1 ct. En Undercoat #160, 235 2 cts. Satin #3200 Line</p><p><b>Vinyl Siding</b> <sup>3</sup></p><p>2 cts. Satin #3200 Line</p></div><div><p><b>Bleeding Wood</b></p><p>1 ct. Stain Killer #697, #160 <sup>2</sup> 2 cts. Satin #3200 Line</p><p><b>Block/CMU</b></p><p>1 ct. Block Filler #470 2 cts. Satin #3200 Line</p><p><b>Aluminum/Galvanized</b></p><p>1 ct. Bonding Primer #697 <sup>2</sup> 2 cts. Satin #3200 Line</p><p><b>Hardie-Plank®</b></p><p>1 ct. En. Undercoat #235, #697 <sup>2</sup> 2 cts. Satin #3200 Line</p></div></div> <p><sup>1</sup> Anti-Microbial – This coating contains agents which inhibit the growth of microbes and mildew on the surface of this paint film. <sup>2</sup> #3200 Line is self-priming. No primer is required on properly prepared substrates. For extra corrosion protection over steel, #5-56 DTM Primer or Tuff-Boy #1022, of #1024 primers should be used. <sup>3</sup> First determine the LRV value for the vinyl siding being painted. Never paint with a darker color than the vinyl siding being painted or warping could occur.</p>
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	SURFACE PREPARATION																				
	<p><b>WARNING!</b> Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at 1-800-424-LEAD (in US) or contact your local health authority.</p> <p><b>GENERAL</b> The surface to be painted should be dry and free of any loose, powdery, or peeling paint as well as all mildew, dirt, chalk, wax, grease, rust or other foreign contaminants. Remove grease and oil from the</p>																				

surface with a detergent solution, rinse thoroughly, and allow the surface to completely dry. Factory pre-primed substrates and glossy enamel finishes must be sanded and dusted and the adhesion of this paint tested prior to application. If complete adhesion is not confirmed, prime with an appropriate primer. Stains from water, smoke, ink, pencil, grease, etc. should be sealed with the appropriate primer/sealer.

#### **WOOD**

Wood should be sanded to expose a fresh surface. Old gray wood should be sanded to good wood to remove loose wood fibers and to expose a fresh surface. Repair/Caulk all cracks and fill all small holes with putty or wood filler and sand smooth. Remove dust. Spot prime all bare spots with the Durashield. Bleeding woods such as cedar and redwood contain a high amount of tannin and may showing some staining when Durashield is applied. A second coat of this product will normally seal the stain. If the staining persists or if the wood contains knot holes, use 160 oil based undercoater as a primer prior to painting.

#### **CEMENT COMPOSITION SIDING - HARDIE-PLANK®**

Remove all any loose, powdery, or peeling paint as well as all mildew, dirt, chalk, wax, grease, rust or other foreign contaminants. Allow surface to dry thoroughly. If a new surface, test for pH. The pH must be below 10 before painting or a primer like #697 should be used.

#### **MASONRY, CONCRETE, CMU**

Unpainted concrete block should be filled with block filler to uniform the surface. All new masonry surfaces require at least 30 days to cure and should not be painted if the pH of the masonry surface is above 10.0. New tilt-up concrete panels must be cleaned and free of bond breakers, form-release agents, and/or curing com-pounds. Removal of these compounds may require hot water blasting or brush blasting with sand.

#### **WOOD COMPOSITION AND HARDBOARD - MASONITE®**

These substrates usually contain a wax that can bleed out and therefore an oil based primer must be used before applying this topcoat.

#### **VINYL SIDING**

Wash the siding by scrubbing with warm, soapy water to remove dirt and grime and any chalking present. Rinse thoroughly.

#### **CAULKING**

After priming, caulk all gaps between trim, moldings, ceilings and walls with a quality latex caulk.

#### **IRON / STEEL**

Minimum: Hand Tool Cleaning per SSPC-SP2.

Rusted Steel: Commercial Blast per SSPC-SP6.

Remove all oil and grease from surface by Solvent Cleaning per SSPC-SP1.

Prime with an appropriate primer.

Do not use hydrocarbon solvents (Mineral Spirits) for cleaning as they will leave behind an oily residue. We recommend alcohol.

#### **ALUMINUM / GALVANIZED**

Minimum: Solvent Cleaning per SSPC-SP1.

Rusted Metal: Hand Tool Cleaning per SSPC-SP2.

Do not use hydrocarbon solvents (Mineral Spirits) for cleaning as they will leave behind an oily residue. We recommend alcohol.

#### **MILDEW**

Wash mildewed surfaces with a solution of 1 part household bleach to 3 parts water. Scrub mildewed surface if necessary, and rinse thoroughly. Follow bleach manufacturer's directions for use and wear appropriate protective equipment including eyewear, gloves, and protective clothing. Wash any contacted skin immediately and thoroughly with copious amounts of water. **Never add ammonia or detergents to a bleach/water solution.**

If in doubt about the soundness of the surface to be painted or if you have any questions about surface preparation check the surface preparation guide or consult your Farrell-Calhoun representative.

### **APPLICATION**

This product is designed for one coat protection on previously painted surfaces in sound condition. Two coats may be necessary to achieve proper millage and aesthetic properties. For overall paint longevity and the minimization of application defects, two coats are always recommended. Proper application technique is crucial to achieve acceptable one coat application. If using Durashield as a primer on existing surfaces, prepare the surface properly prior to application. Most paint failures are caused by improper or inadequate surface preparation. A thorough job of preparation is the best way to insure long term protection with this product. For most repaint work, apply one coat of Durashield at the recommended film thickness. If Durashield is used as a primer, apply two coats of Durashield per product directions.

#### **PRECAUTIONS**

Do not paint if the temperature of the air, surface, or paint is above 90°F or below 40°F and/or the temperature will go below 35°F for the next 48 hours. Do not paint late in the day when dew or condensation is likely to form or when rain or snow is threatening. When painting large tilt-up buildings, metal building or any large areas, it is crucial to maintain a wet edge to avoid the appearance of lapping especially with dark colors. Do not paint large projects if the air, surface, or material temperatures are below 50°F. During application temperatures above 90°F or for very low humidity days, adjustment in your painting technique may be required due to the high solids, fast setting nature of this product. Always check adhesion before proceeding with entire project.

#### **EQUIPMENT**

Apply product by a quality synthetic brush, 3/8" – 3/4" nap synthetic roller cover, conventional or airless spray. (Tip size .015"– .019" tip @ 2000 psi.)

#### **THINNING**

This product comes ready to apply, but if thinning is needed for spray application, thin with 1/2 pint (8 ounces) of clean water to one gallon of paint.

#### **CLEAN-UP**

Clean hands and tools immediately with warm, soapy water. Due to the adhesion properties of this product, it is recommended to clean equipment often especially in warm, dry conditions.

### **PACKAGING**

#### **CONTAINERS**

5 Gallon Pails, 1 Gallon Cans

#### **STORAGE TEMPERATURE**

Minimum 35°F Maximum 90°F

#### **SHELF LIFE**

12 months at recommended storage temperature when stored in tightly sealed containers.

*The technical data contained in this data sheet is accurate to the best of our knowledge as currently offered. No warranty is expressed or implied since the method of application and its intended use is beyond our control.*

