ChilliWall

FLORIDA PAINTS

Heat Blocking
100% Acrylic Thermal Primer

Primer • **3750**

Product Description

ChilliWall Heat Blocking 100% Acrylic Thermal Primer is specially formulated and reinforced with ceramic micro-spheres to provide a heat blocking thermal barrier on a multitude of properly prepared and primed substrates. It has high build properties which enable the user to obtain higher film thicknesses that are very beneficial to the heat blocking properties of ChilliWall.

Recommended Substrates

- Concrete, concrete block and stucco
- Poured and precast concrete
- Synthetic EIFS & synthetic stucco
- Cementitious & fiber cement siding
- Previously painted metals
- Wood, plywood & GWB

Product Features

- Provides a heat blocking thermal barrier
- Reinforced with ceramic micro-spheres
- Seals & protects porous masonry surfaces
- Excellent adhesion
- Promotes adhesion of the topcoat
- Soap and water clean up

Product Limitations

This product is for use on properly prepared above grade vertical substrates. Do not apply to horizontal surfaces that come in constant contact with moisture or standing water.

Available bases | 3750:	White - DO NOT TINT
Application:	Brush, roller, airless or conventional spray
Dry time @ 50% RH*:	2 HRS to touch 4 HRS to recoat

*dry times listed may vary according to the relative humidity, temperature, film build, color and air movement of the application environment

Flash Point:	Nonflammable >200°F
Clean Up:	Soap and water

Compliance

This product is VOC compliant based on limits provided by CARB, EPA, MPI GPS-1, MPI GPS-2, LEEDv4, OTC Phases 1 & 2 and SCAQMD.

Product Data

Product Type:	**Waterborne Acrylic**
	3750
Gloss @60 ° :	1 - 5
Wt Solids ±2%:	55%
Vol Solids ±2%:	35%
Wet Film Mils:	16.0 - 20.1
Dry Film Mils:	5.6 - 7.0
Coverage / Gal*:	80 - 100

* coverage and wet and dry millage will vary by substrate type and porosity.

VOC gms p/L**:	<50

** less exempt solvents and before the addition of colorant

Viscosity KU ±5:	110

Surface Preparation

WARNING! If you scrape, sand, or remove old paint, you may release lead dust or fumes. LEAD IS TOXIC. EXPOSURE TO LEAD DUST OR FUMES CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a properly fitted NIOSH-approved respirator and prevent skin contact to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the USEPA National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

General Surface Preparation: The performance of this product is dependent on the integrity and soundness of the substrate. All surfaces should be clean and free of any dirt, rust, grease, mill oils, mill scale, efflorescence, organic growth, mildew or other contaminates that might adversely affect the adhesion and performance of this product. Any failed or deteriorated caulk or patching compound should be removed and replaced. Unpainted surfaces should be primed in accordance with manufacturer's recommendations. Glossy substrates should be deglossed prior to painting.

Drywall & Plaster: Nails or screws should be countersunk, and they along with any indentations should be mudded flush with the surface, sanded smooth and cleaned to remove any dust, then primed or sealed prior to painting the substrate. Plaster, hardcoat, skim coat or other alkaline surfaces should be allowed to cure for at least 30 days prior to priming with an alkali resistant primer.

New Concrete, Stucco and Masonry Surfaces: New concrete and masonry should cure for at least 30 days and preferably 90 days prior to painting. The pH of the substrate must be less than 10 prior to priming with an alkali resistant primer. Block mortar joint should cure for at least 30 days prior to priming. Fill block with appropriate blockfiller.

Wood: Unpainted wood or wood in poor condition should be sanded smooth, wiped clean and then primed. Any knots or resinous areas must be primed before painting. Countersink all nails, putty flush with surface, then prime with a quality stain blocking primer.

Ferrous Metal: The surface must be cleaned thoroughly to remove any dust, rust, and surface contaminants and then primed with a corrosion resistant primer.

Application: Stir product thoroughly in a spiral up and down motion before use and during application. Use a quality nylon or polyester brush, a 1/2" to 1-1/2" nap synthetic roller cover, or airless sprayer with a minimum pressure of 2000 PSI and a .017"-.021" tip. To assure color uniformity intermix multiple containers of same color and apply a small test area to verify color.

Thinning: Stir thoroughly and apply as it comes from the container, thinning is not necessary under normal conditions.

Coverage & Dry Time: Covers approximately 80-100 square feet per gallon, depending on the method of application and the porosity of the surface to be painted. Dries to touch in approximately 2 hours and may be recoated in 4 hours when humidity is low. Do not use when air, surface or product temperatures are below 50°F or above 100°F. Cleaning should not occur until 30 days after the initial application.

Clean Up: Minor spills and spatters should be immediately cleaned with soap and water, as well as any painting tools and airless spray equipment. More serious spills should be contained and removed with inert absorbent material. Dispose of contaminated absorbent, container and unused contents in accordance with local, state and federal regulations.

Safety - CAUTIONS: KEEP OUT OF REACH OF CHILDREN! DO NOT TAKE INTERNALLY! USE ONLY WITH ADEQUATE VENTILATION! Avoid prolonged contact with skin, and breathing of dust, vapors or spray mists. Avoid contact with eyes and wear eye protection. If adequate ventilation is not possible, wear a NIOSH approved respirator to avoid inhalation of the fumes and wear clothing designed to prevent skin contact. Wash skin thoroughly after handling. Close container after each use and store in a secure, shaded and dry location. **First Aid:** Wash skin thoroughly with plenty of warm soap and water. In case of eye contact immediately flush with plenty of water for 15 minutes and get medical attention immediately. If you experience difficulty breathing leave area to obtain fresh air. If continued difficulty is experienced get medical attention immediately. If swallowed do not induce vomiting and get medical attention immediately.

Storage and Disposal

Product should be kept from freezing temperatures & stored in a cool, dry location. Refer to your local city or county government for instructions on disposal options.

Florida Paints believes the technical data represented in this technical bulletin to be current and up to date. However, Florida Paints makes no warranties or guarantees either expressed or implied. Florida Paints claims no responsibility from damages incurred from use by either the purchaser or user of the product.

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Please excuse the small print used on this document but most paint company datasheets are two pages long. By squeezing all this information on one page we are doing our part to save a few trees.

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