

Thermal-Flect Eco Primer®

Multi-Surface Insulating Coating Technology Product



Description: Thermal-Flect Eco Primer® is a high quality Exterior and Interior white pigmented acrylic primer/sealer fortified with a high strength environmentally friendly blend of organic microspheres which are non-toxic and provide a thermal insulating barrier. This general use thermal insulating barrier provides a protective shield by deflecting the hot sun rays during the summer and insulating against the cold temperatures in the winter. Reducing heating and cooling requirements for any homes, schools, office, commercial and industrial buildings saves hundreds to thousands of dollars annually in reduced heating/cooling costs. It can be used on a new or poor-conditioned wall and ceiling surfaces; ideal in sealing cracks on stucco and wood-sidings. Use on brick, ceilings, concrete, drywall, masonry, plaster, stucco, metal and wood. It may be top coated with either latex or oil based paint or used as final coat for textured ceilings, attics, dropped ceilings, painted plaster, painted wood and others.

PRODUCT INFORMATION

SOLVENT TYPE: Waterborne Latex-type with insulating organic hollow microspheres		RESIN TYPE: Styrene Acrylic	SPECIAL INSTRUCTIONS: WARNING: If you scrape, sand or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH approved respirator 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 National Lead Information Hotline at 1-800-424-LEAD or www.epa.gov/lead . CAUTION: Keep from freezing. Do not apply when surface or air temperature is below 50° F. In case of eye contact, immediately flush with water. If swallowed, seek immediate medical attention. KEEP OUT OF REACH OF CHILDREN. Before use, obtain a copy of the material safety data sheet (MSDS) from www.thermal-flect.com .
FINISH: Flat			
COLORS: White or can be tinted			
VISCOSITY: 100 -110 KU			
MAXIMUM VOC CONTENT: Under 50 grams/liter			
SOLIDS BY WEIGHT: 53.8 %			
WEIGHT PER GALLON: 10.2 lbs./gal.	SPECIFIC GRAVITY: unknown		
COMPOSITION BY WEIGHT: Pigment- 36.3% Acrylic Resin- 24.2%			
RECOMMENDED FILM THICKNESS PER COAT: Wet- 10 mils Dry- 5 mils			
PRACTICAL COVERAGE PER COAT AT RECOMMENDED DRY FILM THICKNESS: Approx. 250-300 sq. ft. per gallon depending on surface conditions and application technique.			
THINNING RECOMMENDATION: If slight thinning is necessary, thin with water not exceeding one pint per gallon.			
AVERAGE DRY TIME: Allow 2-3 hours of drying before recoating.			
APPLICATION EQUIPMENT: Brush, roller, conventional spray and airless spray. Recommended roller size: ½ - ¾ in. depending on surface texture. Spraying: Remove all filters, Tip Size: .019-.024 or larger			
PACKAGING: 5 gallon containers.			
STORAGE: Store in dry area. Protect from freezing. Do not apply when surface or air temperature is below 50° Fahrenheit.			
CLEANUP: Warm soapy water.			
DISPOSAL: Landfill according to local state and federal regulations. Disposal material is not a RCRA hazardous waste.			
MATERIAL DATA SHEET: Available at www.thermal-flect.com			
SURFACE PREPARATION: Surface should be clean, dry, and free from grease or wax before painting. Rusted metal surfaces should be spot primed with rust inhibiting primer.			
USE AS A PRIMER FOR			
Exterior and Interior Walls, Brick, Ceilings, Concrete, Drywall, Masonry, Plaster, Stucco, Metal and Wood.			
NOTE: For cosmetic purposes, a light texture of the applied primer will be present through the finished coat on the following surfaces: <ul style="list-style-type: none"> • Cabinets • Doors • Door frames • Windows • Any other smooth surface 			