

Thermal Barrier

GENERAL DESCRIPTION

Anti-condensation and anti-mold breathable water-based paint with thermal insulating effects.

Ability to hold water vapor without generating condensation during environmental cooling periods. Excellent thermal insulation and anti-condensation properties, as they reduce thermal bridging, improving energy efficiency.

When the outdoor temperature decreases, the ability to reduce wall thermal conductivity ensures that indoor wall surface temperature decreases more slowly keeping it higher compared to traditional paints, in order to delay the dispersion of heat through the walls towards the outside, achieving energy savings. It prevents mold growth for several years, even where steam is frequently produced, such as bathrooms, kitchens, laundries, shower rooms or poorly ventilated areas (dressing room), thanks to the presence of Biocides in the dry paint film.

RECOMMENDED SUBSTRATES

Concrete	Gypsum Wallboard-Drywall
Concrete/Masonry Block	Plaster
Wood	

FEATURES / BENEFITS

- Easily Hides Wall Imperfections
- Very Opaque.....< 5 gloss
- Good Hide & Coverage
- Ideal for Walls & Ceilings
- Water-Based formula
- Meets Strict Chemical Emission Limits
- Zero VOC

PRODUCT INFORMATION

White

PACKAGING

1 Gallon (3.78 L)

PRODUCT DATA

Binder nature:	Resins in aqueous emulsion
Density (during packaging):	0,88 ÷ 0,90 grams/milliliter
Viscosity:	2.000 ÷ 3.000 cps
Weight solids:	49,1 % ± 1
Volume solids:	53,7 % ± 1
VOC:	4,9 g/L (0.011 lbs./gal.)
Dry film total thickness:	250 µm
Yield (effective coverage):	10,7 mq/gallon (115 sq. ft./gal.)

DRYING: Dries to touch in 30 to 60 minutes at 77°F (25°C) and 50% relative humidity. Allow at least two hours before recoating. Drying times listed may vary depending on temperature and humidity.

CLEANUP: Clean tools with warm, soapy water.

COVERAGE: Approximately 115 sq. ft. (10.7 sq. meters) per U.S. gallon (3.78 L) with at least 3 coats on already painted, free chalking surfaces. Coverage figures do not include material loss due to application. Some colors or porous surfaces may require more than one coat to achieve a uniform finish.

DISPOSAL: Contact your local environmental regulatory agency for guidance on disposal of unused product. Keep the original container in a safe area inaccessible to children and away from food or feed. Do not pour down a drain or storm sewer.

LIMITATIONS OF USE

FOR INTERIOR USE ONLY. Apply when air, product and surface temperatures are between 41°F (5°C) and 95°F (35°C). USE WITH ADEQUATE VENTILATION. KEEP OUT OF REACH OF CHILDREN. Read all label and Safety Data Sheet (SDS) information prior to use. SDS are available through our website.

Not recommended for use on floors or in high humidity areas.

PROTECT FROM FREEZING.

BISATEN THERMAL PAINT + PRIMER

THERMAL BARRIER

GENERAL SURFACE PREPARATION

SURFACE PREPARATION & APPLICATION: Surface must be clean and dry. Remove all loose, peeling paint, dirt, grease, and any other surface contaminants. Putty all cracks and open seams. Sand all glossy and/or patched surfaces. Masonry and plaster surfaces must be allowed to cure for 28 days prior to painting. PRIMER IS NOT NEEDED. Stir ready-to-use paint. Apply with a short-nap roller. Apply when air, product and surface temperatures are 41°F (5°C) or above. Wear a properly fitted, NIOSH-approved respirator and prevent eyes and skin contact to control exposure.

USE ONLY FINE FINISH ROLLER BRUSH FOR SMOOTH SURFACE

APPLICATION INFORMATION

Stir thoroughly. When using more than one can of the same color, intermix to ensure color uniformity.

Application Equipment: Apply with a high quality brush, roller, paint pad or by airless spray equipment.

Airless Spray: For airless spray application, use tip size .015" - .021" and pressure range of 1500 – 2000 psi. Spray equipment must be handled with due care and in accordance with manufacturer's recommendation. High-pressure injection of coatings into the skin by airless equipment may cause serious injury.

Brush: Polyester/Nylon Brush

Roller: 3/8" - 3/4" nap roller cover

Thinning: DO NOT THIN

PRECAUTION AND FIRST AID

It is important to provide fresh air ventilation during and after application and drying of the paint film. Avoid the inhalation of dust, particulates, spray, or mist arising from the application of this preparation. If proper ventilation can not be provided, wear a NIOSH-approved particulate respirator. Use personal protective equipment as required. **FIRST AID:** If swallowed, rinse mouth with water (only if the person is conscious). Do not induce vomiting unless directed to do so by medical personnel. If in eyes, rinse with water for 15 minutes.

Check for and remove any contact lenses. If on skin, rinse well with water. Wash with soap and water. Get medical attention if irritation develops. If experiencing respiratory symptoms, contact a POISON CENTER or a doctor, by calling 1-800-222-1222. Keep out of the reach of children. For workplace use, an SDS is available from your retailer