The right coating for ultimate protection.

SUPER BASE HS

Technical Data Sheet (01/07/11)

DESCRIPTION

SUPER BASE/HS is a one-part water-based acrylic coating that is easily applied without environmental concerns, and used as a base coat for either SUPER THERM® or SUNSHIELD. SUPER BASE/HS can be used as a base coat to seal tar, asphalt, shingles, rubber, concrete, or wood roofs.

TYPICAL USES

- As a base coat to seal tar roofs, asphalt shingles, rubber roofs, concrete and wood.
- As an intermediate coat over MASTIC SEALING TAPE on joints and seams, and around air conditioning units and vents or on any areas where leaks would most likely happen.
- As a base coat for SUPER THERM® and SUNSHIELD to fill and seal seams, as well as around penetrations and protrusions.
- As the first layer of a roofing system, applied at 30 sq ft/gallon.

APPLICATION METHODS

SUPER BASE/HS can be applied to metal, concrete, masonry and wood. The application can be spray, brush or roller. For specific instructions on surface preparation, mixing and application, please refer to the SPI's application instructions for SUPER BASE/HS. This coating should never be applied at less than 16 mils wet (400 microns), 10 mils dry (250 microns), each coat.

MINIMUM SPREAD RATES:

Film thickness:

Common substrates – minimum 25 to 30 mils wet/15 to 19 mils dry to seal pores.

NOTE: As a sealant for roofing over small cracks or holes, apply at a total of 50 mils wet/31 mils dry.

NOTE: For modified bitumen, granulated modified bitumen or capsheet, apply at 85 sq.ft./gallon due to absorption of oils.

NOTE: For shingles, apply at 30 sq.ft./gallon.

TESTS AND CERTIFICATIONS

1. USDA approved
2. MBDC Product Certification
3. ASTM E-84: "0" flame spread, Class A (class 1)

FIELD TESTING RESULTS:

Field tests have proven:

1. SUPER BASE/HS will provide a solid base coat on all roof substrates for SUPER THERM® and SUNSHIELD.
2. SUPER BASE/HS will seal small roof cracks. For holes and large cracks, use with MULTI-MESH MEMBRANE.
3. As a topcoat on MASTIC SEALING TAPE, on seams and minor cracks, or anywhere leaks are most likely.

PHYSICAL DATA

- Solids: By weight 62.84% / By Volume: 63.40%
- 30-60 minutes to tack free at 70°F (21°C)
- Overcoat: 4 hours when 70°F (21°C) at 40% Relative Humidity
- Full Cure: 10 days
- Lead and chromate free
- Cures by evaporation
- Weight: 11.80 lbs. per gallon
- Vehicle Type: Urethane/Acrylic Elastomeric
- Shelf Life: Up to 3 years if unopened under appropriate storage conditions (See MSDS).
- VOC Level: 45 grams/liter - .38 lbs/gallon
- Viscosity: 200 KU
- Maximum Surface Temperature when applying: 150°F (65°C)
- Minimum Surface Temperature when applying: 40°F (5°C)
- Maximum Surface Temperature after curing: 300°F (149°C)

SAFETY PRECAUTIONS

Do not use this product without first taking all appropriate safety measures to prevent property damage and injuries. These measures may include, without limitation: proper ventilation, use of proper lamps, wearing of protective clothing and masks, tenting, and proper separation of application areas. For more specific safety procedures, please refer to the SUPER BASE/HS Material Safety Data Sheet. **KEEP OUT OF REACH OF CHILDREN.**