



COATABLE

STOP HEAT

SOLAR BARRIER

Product Information (02.02.22)

PRODUCT DESCRIPTION

STOP HEAT is a water-borne high-performance coating solution that blocks the absorption of solar heat gain into any external surface. Normal paints heat up from exposure to the sun. STOP HEAT is specifically designed with ceramics to keep your surfaces cool. Once applied by brush, roller or spray, STOP HEAT significantly reduces surface temperatures resulting in substantial comfort through reflectivity and emissivity. STOP HEAT is both tough and flexible, with a low permeability to resist corrosion and surface deterioration. Used on buildings, RV's, boats, equipment and more.

RECOMMENDED USES

- Metal roofs & walls
- Mobile homes and RV roofs
- Shipping containers
- AC unit shell, exposed metal ducting
- Marine wheelhouse and vertical metal
- Industrial tanks storing light hydrocarbons
- Agricultural silos, horse trailers, chicken farms
- Anything prone to heating up from solar radiation

APPLICATION PROCEDURE

STOP HEAT 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 Coatable's application instructions for STOP HEAT. This coating should never be applied at less than a total of 17 mils wet (431 microns), 9.3 mils dry (236 microns).

PERFORMANCE CHARACTERISTICS

- STOP HEAT reduces solar heat load
- STOP HEAT provides a water-tight barrier
- STOP HEAT can withstand large temperature variances without peeling, cracking or loss of adhesion
- STOP HEAT is resistant to mold and mildew
- Designed for flexibility and elongation, STOP HEAT is designed to move with the substrate, and to withstand the rigors of expansion and contraction
- The ceramics in STOP HEAT have sound dampening qualities.

PRODUCT CHARACTERISTICS

- Vehicle Type: Acrylic blend
- Solids: By weight 60.5% / By Volume: 55.7%
- 30-60 minutes to tack free at 70°F (21°C)
- Overcoat: 2 hours when 70°F (21°C) at 40% relative humidity
- Full Cure: 21 days
- Cures by evaporation
- Weight: 11.8 lbs. per gallon
- Shelf Life: Up to 3 years if unopened under appropriate storage conditions (See MSDS).
- VOC Level: 21 grams/liter
- Viscosity: 105 – 110 KU;
- pH: 8.5-9.5
- 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)
- SPREAD RATE: 95 sq.ft./gallon; 9.3 dry mils

SAFETY PRECUATIONS

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 STOP HEAT Material Safety Data Sheet. **KEEP OUT OF REACH OF CHILDREN.**

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