



SUPER BASE HS

Application Instructions (04/03/09)

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.

SURFACE PREPARATION

Surface must be clean from oil, tar, rust, grease, salts, and films.

- 1) Use general degreaser if needed.
- 2) Clean surface using TSP (tri-sodium-phosphate) or a citrus cleaner to release dirt and degreaser residue.
- 3) Pressure-wash if possible @ 3500 psi.
- 4) Salt contamination on a surface can come as a result of salt water, fertilizers, and car exhaust. Use Chlor*Rid or equivalent to decontaminate surface if salts are present. Acceptable levels: Nitrates: 5-10 mcg/cm², Sulfates: 5-10 mcg/cm², Chlorides: 3-5 mcg/cm²

Surface must be completely dry before applying.

- 1) SUPER BASE/HS must be applied during proper temperatures (below) and the prescribed overcoat window of the coating over which it will be applied.
- 2) Maximum Surface Temperature when applying: 150°F (65°C)
- 3) Minimum Surface Temperature when applying: 40°F (5°C)
- 4) Maximum Surface Temperature after curing: 300°F (149°C)

NOTE: Use Rust Grip® as a primer when needed. Refer to Rust Grip technical data sheet for overcoat window.

NOTE: If pack rust or mill scale exist, it must be removed by grit blast, power tool or needle gun. Once removed, begin with Step 1 (power wash).

Mobile Homes:

- 1) Use Mastic Sealing Tape over all leaks.
- 2) Apply SUPER BASE/HS over the tape.
- 3) Apply SUPER THERM® over the entire roof for insulation.

MIXING

SUPER BASE/HS should be mechanically mixed or mixed by hand for three minutes, then applied.

APPLICATION METHODS

SUPER BASE/HS can be applied by brush, roller or spray; however, the preferred method is by air or airless sprayer. It should never be applied directly over rust, nor should it ever be diluted or thinned.

- 1) If application is by brush, use a soft bristle brush.
- 2) If application is by roller, use a 1/4 inch nap roller.
- 3) If application is by spray, use a standard airless sprayer (2 gallons/minute at 3,300 psi.) with a .029-.033 tip.

NOTE: The number of applications and the thickness of each should be in accordance with the job specifications.

NOTE: All filters should be removed from both the gun handle and spray machine prior to application, as they will trap the ceramics.

NOTE: Temperatures must always be a minimum of 5 degrees above the dew point during application.

CURE TIME

- 1) One hour to touch at 70°F. and bright sun.
- 2) Over-coating window begins at four hours at 70°F.
- 3) Fully cures in ten days.

TEMPERATURE

- 1) Apply between 50°F. and 100°F.
- 2) Store between 40°F. and 100°F.

CLEAN-UP EQUIPMENT

- 1) After completion, spray system should be cleaned with soap and water.
- 2) After completion, brushes and rollers can be cleaned with soap and water, stored and reused.