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## PENETRATING BASE

PENETRATING BASE TECHNICAL DATA

### Benefits

- Virtually No Odor
- 0 VOC
- Human Friendly
- No Solvents
- Excellent Flexibility
- Strong Adhesion
- No Asbestos
- Meets FDA 175-300
- Water-Ponding Resistant
- Exceptional Ultraviolet Resistance
- To the Best of Our Knowledge, No Carcinogens or Neurotoxins

### Surface Preparation

The entire roof's surface must be thoroughly cleaned. The roof must be free from all oil, grease, dust, debris and water. *(Remember, the System will only be as good as the surface it's being bonded to.)*

Pre-patch all holes, cracks and bubbles. Let the air out of bubbles as shown by slitting with a utility knife. Apply strips of MirrorFAB with a 6" overlap. Brush with MirrorSEAL Penetrating Base until fabric is thoroughly saturated

On new wood decks or rigid insulation caulk all seams and level with the roof surface. Caulk or fill all knotholes, wood splits and other surface irregularities with Mucky-Puck and level with the roof surface. Cover all caulked seams by saturating a 4" wide strip of MirrorFAB with MirrorSEAL Penetrating Base and placing it along the entire length of the seam.

### Application

**Step 1: Apply Penetrating Base** Using a brush or roller, cover an area approximately 4 feet wide and 4 feet long with a liberal, smooth, even coating of MirrorSEAL Penetrating Base.

#### Step 2: Roll our MirrorFAB

Roll MirrorFAB over the area you just covered with the MirrorSEAL Penetrating Base. Using a "V" stroke with the roller, fully saturate the fabric with base coat. It is important that all fabric is fully saturated and all air bubbles removed. Once MirrorFAB has been overlaid the liberally applied base coat, use pressure and "V" strokes on a long-handled, 1" to 1 1/4" nap paint roller to ensure airless, evenly-applied MirrorFAB surface.

Overlap each strip of fabric approximately 2". Strips will self-vulcanize creating a seamless under surface. Overlap edging, ductwork and other mechanical protrusions 4" to 8".

### Performance

MirrorSEAL is a state of the art, continuous filament, single-ply, fluid-applied roofing system that is stronger, lighter and easier to apply. Unlike most roofing systems, MirrorSEAL is a water-based polymer which is an adhesive sealant, not a plug and fill product, and more energy efficient than ordinary roofing systems. It was developed after 4 1/2 years of testing, and thousands of chemical formulations.

### Technical Data

Vehicle Type	Salt Water Based
Pigment Type	Titanium Dioxide
Solids by Volume	81% +2%
Theoretical Coverage may vary depending on porosity	3ft <sup>2</sup> / pound .62 m <sup>2</sup> /kg
Dry Time @ 77° F	4HR depending on climatic conditions
Dries By	Water evaporation
FDA Approval	Meets 175-300
Viscosity	80-85 ku
Flash Point(Seta)	None
Surface Temperature at Application	-Min 40° F
Gloss (60°)=0-2	-Max95° F
Clean Up With	Water
Weight Per Gallon <sup>1</sup>	10 +/- 2%
Volatile Organic Compounds (VOC)	0
Color	Ivory White

HEALTH HAZARD	0 - Slight
FLAMMABILITY HAZARD	0 - Minimal
REACTIVE HAZARD	0 - Minimal
PERSONAL PROTECTION	E - Glasses, Gloves, Dust Respirator

[www.MirrorSEAL.com](http://www.MirrorSEAL.com)

1 - weight will change depending on atmospheric conditions  
Information contained in this technical literature is believed to be accurate and is offered in good faith for the benefit of the consumer. The Company, however, cannot assume any liability or risk involved with the use of the product since the conditions of use are beyond The Control Of The Company



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