



FULL SYSTEM

MIRRORSEAL SYSTEM TECHNICAL DATA

Benefits

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

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 4½ years of testing, and thousands of chemical formulations.

Technical Data

MirrorSeal: White, water-based continuous-film emulsion coating. Base coat off-white.
MIRRORFAB: White, spun bound polyester backbone fabric, 48" (1.22m) wide, weight 2.2 oz/sq. yard (75 gr/m²).
Solids by volume: 60%
Mixing: Not required.
Gel time: One hour
Dry time: Four hours or more, depending on climatic conditions.
Thickness: 22 mils (0.06cm) applied
Weight: 22.5 oz/sq. yard (763 gr/m²)
Moisture - vapor transmission: 0.94 perms/mil
Burst Strength: 155 PSI (10.9 kg/cm²)
Tensile Strength: MD 56 lbs (25.4 kg), XD 18 Lbs (8.2kg)
Cure Time: 60% 8 hours; 90% 48 hours depending on climate conditions
Viscosity: @70 °F (21 °C): 85 KU
Flash Point: None
FDA Approval: Meets 175-300
Coverage: Approximately 3 sq. ft./lb. (0.62 m²/kg) for basecoat, 12 sq. ft./lb. (2.48m²/kg) for topcoat. These are calculated averages, and will vary from job to job.
Heat Aged Tensile: No change
Elongation: MD 19%, XD 29%
Dimensional Stability: 99%
Ultraviolet Resistance: No stiffening of surface crazing. Over 282,500 hours Arizona exposure in ongoing tests.



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