



ROOFGUARD

ROOFPREP #754

ULTIMATE DURABILITY ACRYLIC ELASTOMER COATINGS

Technical Data & Application Instructions

PRODUCT DESCRIPTION

ROOFPREP #754 is manufactured using modified Acrylic, low viscosity elastomer of the highest quality resins without the addition of plasticizers. Production is rigidly controlled to assure uniformity of quality in every batch of materials. **ROOFPREP #754** is a water-based, high solids elastomeric coating where premium quality acrylic resins are combined with reinforcing laminar pigments, an effective biocide package and non-migrating fire retardants, resulting in superior durability, weatherproofing, ultraviolet resistance and algae/mildew resistance. **ROOFPREP #754** is a high-tensile strength coating for use as the first coat to improve the adhesion to polyurethane foam and other roofing substrates. It was designed to penetrate and bond to reinforcement fabrics where required, as well as act as a bonding primer to enhance the adhesion of **TRESKO** topcoats over built-up, modified bitumen, wood, concrete, single-plys, spf or previously coated surfaces. **ROOFPREP #754** is a flexible, waterproof base for applying the finish coats and **adds 6 mils/gallon/100sq.ft. to the total system which eliminates the labor and material cost of other clear and/or low solids primers**. It is an easy to apply, cost effective method of securing reinforcing fabric over surfaces prone to structural movement, allowing the stress to be distributed over a broader area of the roof coating system. It also wets into existing substrates or existing coatings to lock down residual dust or contamination, thereby maximizing adhesion of the subsequent acrylic topcoat. **ROOFPREP #754** also blocks the migration of asphaltic oils, so that the **TRESKO** finish coats can be applied without risk of the bleed-through problems often associated with conventional roof coating systems.

APPLICATION

Surfaces shall be clean and dry, and free of dirt, dust, loose granules, pollution fallout or other contamination. Thoroughly mix containers to achieve an even consistency prior to use. Apply **ROOFPREP #754** at the rate of approximately 100 sq. ft. per gallon to the properly prepared surface. Substrate porosity and texture will determine the amount of **ROOFPREP #754** to prime the surface. Allow **ROOFPREP #754** to dry thoroughly prior to topcoating.

TYPICAL PROPERTIES

1. Solids by Weight 54.5% (+-2) [ASTM D1644]
2. Solids by Volume 45.0% (+-2) [ASTM D2697]
3. Weight per Gallon 10.1 lbs. (+-2) [ASTM D14]
4. Tensile Strength 440 psi [ASTM D2370]
5. Initial Elongation 258% [ASTM D2370]
6. Permeance 17.7 U.S. perms [ASTM D1653]
7. Weather Resistance: No cracking or checking [ASTM D4798]
8. Wet adhesion: polyurethane foam 2.4 pli-wet* [ASTM D-903]
9. Tear Resistance: 131 lbf/in [ASTM D624]
10. Fungi Resistance: ZERO RATING [ASTM G21]
11. Low Temperature Flexibility: (1,000 hours) Pass ½" mandrel bend @ -26 C [ASTM 522]

PRECAUTIONS

ROOFPREP #754 will freeze and become unusable at temperatures below 32°F (0°C). Do not apply at temperatures below 60°F (7°C). Do not apply if weather conditions will not allow the **ROOFPREP #754** to dry before rain, dew or freezing temperatures occur. For additional information refer to the MSDS.



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