

UNIBASE

ACRYLIC FABRIC ADHESIVE
BASECOAT & PRIMER

Technical Data & Application Instructions

PRODUCT DESCRIPTION

UNIBASE is a low viscosity, highly penetrating, 100% acrylic polymer adhesive and primer that develops a tenacious bond to existing roof substrates. It was designed to penetrate and adhere reinforcement fabrics where required, as well as act as a bonding primer to enhance the adhesion of **Roof Mate** topcoats over built-up, modified bitumen, wood, concrete or previously coated surfaces. UNIBASE forms a flexible, waterproof base for applying the **Roof Mate** finish coats. 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. UNIBASE also blocks the migration of asphaltic oils, so that the **Roof Mate** finish coats can be applied without risk of the bleed-through problems often associated with conventional roof coating systems. UNIBASE is available in standard translucent green color.

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. When utilizing UNIBASE to embed reinforcing fabric, first apply UNIBASE to a small section of roof where the fabric reinforcement will begin. Embed and encapsulate the end of the **Roof Mate Fabric** roll so that it is anchored at that point. Roll out 4 to 10 feet (1 to 3 meters) of fabric at a time and either spray apply or pour UNIBASE evenly over the top side at the rate of 2 to 3 gallons per 100 sq. ft. (.8 to 1.2 l/m²), allowing the fabric to conform to the surface contours. Work the UNIBASE evenly throughout the fabric using a broom or roller so that it is totally encapsulated, eliminating any air pockets, wrinkles or gaps. Take extra care to ensure that edges of the fabric are well saturated and adhered. Overlap consecutive passes of **Roof Mate Fabric** a minimum of 2" (5 cm) on each side. When used as a primer or basecoat, apply UNIBASE at the rate of approximately 100 to 200 sq. ft. per gallon (2.4 to 4.9 m²/l) to the properly prepared surface. Substrate porosity and texture will determine the amount of UNIBASE required to encapsulate the reinforcing fabric or prime the surface. Allow UNIBASE to dry thoroughly prior to topcoating.

TYPICAL PROPERTIES

Tensile Strength (ASTM D412)	-----	1,000 psi (6.9 MPa) (±50)
Elongation (ASTM D412)	-----	650% (±50)
Interply Adhesion (Dry) @ 70°F (ASTM D903)	-----	20 pli (±2)
Interply Adhesion (Wet) @ 70°F (ASTM D903)	-----	20 pli (±2)
Dry Time (ASTM D1640)	-----	2 to 3 hours @ 70°F, 50% R.H.
Surface Tack	-----	Slight

PRECAUTIONS

UNIBASE will freeze and become unusable at temperatures below 32°F (0°C). Do not apply at temperatures below 45°F (7°C). Do not apply if weather conditions will not allow the UNIBASE to dry before rain, dew or freezing temperatures occur. For additional information refer to the MSDS, or contact UNITED COATINGS' Technical Service Department. Avoid contact with eyes and mucous membranes. If material comes in direct contact with skin, wash immediately with soap and water.



Our products are guaranteed to meet established quality control standards. Information contained in our technical data is based on laboratory and field testing, but is subject to change without prior notice. No guarantees of accuracy are given or implied, nor does UNITED assume any responsibility for coverage, performance or injuries resulting from storage, handling or use of our products. Liability, if any, is limited to product replacement or, if applicable, to the terms stated within the executed project warranty.

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