



Technical Data Sheet

UniBase™ Primer

Product # HS-UB-05

Updated December 17, 2010

DESCRIPTION

UniBase Primer is a low viscosity, highly penetrating, advanced acrylic polymer adhesive and primer that develops a tenacious bond to existing rough/textured roof substrates.

Designed to act as a bonding primer to enhance the adhesion of the **PremiumCoat® System** over granulated cap sheets / modified bitumen roofing, **UniBase** also acts as an excellent asphalt bleed blocker.

UniBase is an easy to apply, cost effective method of locking down residual dust, granules, or contamination from granulated substrates, thereby maximizing adhesion of the subsequent acrylic roofing system.

RECOMMENDED USES

- Surface primer over granulated cap sheets / modified bitumen roofing – helps to “lock down” loose granules and even out rough/textured surface prior to applying the **PremiumCoat® System**
- Best suited to old, rough surfaces where it penetrates in to lock everything together
- Excellent asphalt bleed blocker

ADVANTAGES & BENEFITS

- Product can be brush, roll, or spray applied
- Resists acid rain and chemical pollutants to protect from chemical spills and fall-out damage
- Meets VOC emissions and regulations to eliminate facility downtime during installation
- Nontoxic formulation is safe to apply
- Easy application and cleanup
- No special equipment required to install

PRODUCT CHARACTERISTICS

Tensile Strength (ASTM D412):	300 psi (2.1 MPa) (±25)
Elongation (ASTM D412):	500% (±50)
Dry Time (ASTM D1640):	1 to 2 hours @ 70°F, 50% R.H.
VOC	< 50g/L
Surface Tack:	Slight
Standard Color:	Translucent Green

APPLICATION INSTRUCTIONS

Surface Preparation

As a minimum, clean and prepare surfaces to receive waterproofing by removing all loose and flaking particles, grease and laitance with the use of a stiff bristle push broom and/or washing. Care should be taken not to inject water into the substrate during washing. In some cases additional drying time may be required after the cleaning process. Consult your Hydro-Stop Technical Sales Representative for additional advice on cleaning various roofing substrates.

Application

UniBase comes ready to use; however, it is recommended that the container be shaken or stirred before application.

Apply **UniBase** by brush, roller, conventional or airless spray equipment to area per the recommended coverage rate.

Any airless pump capable of 1 gallon (.4 L) per minute output and 2,000 psi (13,790 kPa) pressure will effectively spray **UniBase**. A min 3/8" (1 cm) inside diameter high pressure hose is recommended in conjunction with any airless handgun compatible with pump used. Tip size should be between .027" and .039" (.7 and 1.0 mm) with a fan angle of 40° to 50°.

Allow to dry before proceeding with additional products.

Coverage

Coverage may vary due to porosity and texture of substrate. The average surface will use 100 to 200 square feet per gallon (2.4 to 4.9 m²/l).

SAFETY & HANDLING

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 **UniBase** to dry before rain, dew or freezing temperatures occur.

For specific information regarding safe handling of this material, please refer to the Material Safety Data Sheet (MSDS).

For more information, *contact your Hydro-Stop Technical Representative.*

CLEAN UP

Thoroughly rinse application equipment with clean water.

ORDERING INFORMATION

UniBase Primer can be purchased in five gallon pails at any official distributor of Hydro-Stop products. For a distributor in your area, please call us at 1-800-739-5566.