



USES & ADVANTAGES

Recommended uses:

- Surface primer over built-up, granulated cap sheets, modified bitumen roofing helps to lock down loose granules and even out rough/textured surface prior to coating
- Used to penetrate and adhere reinforcement fabric, forming a flexible base for applying acrylic finish coats

Advantages

- Product can be brush, roll, or spray applied
- Meets all VOC emissions and regulations to eliminate facility downtime during installation
- Nontoxic formulation is safe to apply
- Easy application and cleanup
- Excellent asphalt bleed blocker
- Low toxicity

PHYSICAL PROPERTIES

UNIBASE PRIMER	
Tensile Strength	300 psi (2.1 MPa) (± 25) [ASTM D412]
Elongation	500% (± 50) [ASTM D412]
Dry Time	1–2 hours @ 70°F, 50% R.H. [ASTM D1640]

Interply Adhesion (Wet or Dry)	20 pli (± 2) @ 70°F [ASTM D903]
VOC	< 50g/L
Surface Tack	Slight
Standard Color	Translucent Green

PRODUCT DESCRIPTION

UniBase Primer is a low viscosity, highly penetrating, advanced acrylic polymer adhesive and primer that develops a tenacious bond to existing roof substrates. Designed to act as a bonding primer to enhance the adhesion of Roof Mate topcoats or the **PremiumCoat® System** over built-up, granulated cap sheets, modified bitumen roofing, concrete, or previously coated surfaces, **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.

UniBase can also be used to penetrate and adhere reinforcement fabrics, forming a flexible base for applying acrylic 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.

PACKAGING & SHELF LIFE

5 gallon (19 liter) pail
54 gallon (204 liter) drum

Shelf life 18 months if unopened containers stored between 40°F and 70°F.

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APPLICATION INSTRUCTIONS

PREPARATION: Surfaces shall be clean and dry, and free of dirt, loose granules, or other contamination. In some cases, additional drying time may be required after the cleaning process. **UniBase** comes ready-to-use, however it is recommended that the container be shaken or stirred before application.

APPLICATION: Apply **UniBase** Primer by brush, roller, conventional or airless spray equipment to area per the recommended coverage rate. Any airless pump capable of 1 gallon (0.4L) per minute output and 2,000 psi (13,790 kPa) pressure will work effectively. 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" (0.7 and 1.0 mm) with a fan angle of 40°–50°.

COVERAGE RATE: apply **UniBase** Primer at the rate of approx 100–200 ft² per gallon (2.4–4.9 m²/l) to the properly prepared surface. Substrate porosity and texture will determine the amount of **UniBase** required to prime the surface. Allow **UniBase** to dry thoroughly prior to topcoating.

When utilizing **UniBase** to embed reinforcing fabric: apply to a small section of roof where the fabric reinforcement will begin. Embed and encapsulate the end of the fabric roll to anchor it at that point. Roll out 4–10 ft (1–3 m) of fabric at a time and apply **UniBase** evenly over the top side at the rate of 2–3 gallons per 100 ft² (.8–1.2 l/m²), allowing the fabric to conform to the surface contours. Substrate porosity and texture will determine the amount of **UniBase** required to encapsulate the reinforcing fabric.

LIMITATIONS & PRECAUTIONS

Do not apply **UniBase** at temperatures below 50°F (10°C), or when there is possibility of temperatures falling below 32°F (0°C) within a 4-hour period after application. Do not apply if weather conditions will not allow the

UniBase to dry before rain, dew, or freezing temperatures occur. **UniBase** will freeze and become unusable at temperatures below 32°F (0°C). Do not ship or store unless protection from freezing is available.

SAFETY & HANDLING

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

CLEAN UP

Thoroughly rinse application equipment with clean water.

See applicable warranties and guarantees for complete coverage and restrictions.

GAF Liquid-Applied

January 2016, supercedes October 2014

For technical, system, and warranty information, visit gaf.com or call 1-800-766-3411.