

PRODUCT INFORMATION SHEET GU80-1 LIQUID ADMIXTURE

Description:

The Pli-Dek GU80-1 Liquid Admixture is a water based acrylic emulsion, and is a component of the Pli-Dek Waterproofing System and roof system. Refer to our published ICC-ES Report. The GU80-1 Liquid Admixture is designed to be mixed with Pli-Dek GU80 cement products and to be used as a Primer Coat.

Uses:

- Pli-Dek System
- Con-Dek System
- PD Texture Coat
- HD Systems

Advantages:

- Water Based
- Fast Drying
- Super Adhesion

Color/Packaging:

GU80-1 Liquid Admixture is white in color and is available in a 5-gallon pail.

Shelf Life/Storage:

The shelf life of is one year from the date of manufacture. Transport and store in original, unopened, undamaged containers. Protect from freezing. Do not store in direct sunlight. Keep in cool dry place.

Clean Up:

Clean tools and hands with warm soapy water and rinse thoroughly.

Mixing Instructions:

Primer Coat:

GU80 Primer that consists of 4 parts water and 1 part GU80-1 Liquid Admix at a rate of approximately 1250 square feet per gallon. Primer Coat is roller applied to the deck surface.

GU80 Gray Base:

Pour 3.8L (1 gallon) of GU80-1 Liquid Admixture into a clean 19L (5 gallon) plastic container.

Add one 21kg (46lb.) bag of GU80-1 Base Coat (gray), and mix thoroughly for 3 to 4 minutes. Use a Wind-lock B-M1 mixing blade, or equivalent, powered by a 13mm (1/2") variable speed drill, capable of producing 1000 RPMs. TIP: In areas subject to extremely dry and/or hot climates, it may be necessary to add water (up to .47L [1 pint] per mix). To avoid flash drying, it may be necessary to chill the GU80-1 Liquid Admixture before mixing. A proper safety ventilation mask should be worn when working with all Pli-Dek products.

GU80 Top Coat or Custom Top Coat:

Pour 4.75L (1.25 gallons) of GU80-1 Liquid Admixture into a clean 19L (5 gallon) plastic container.

Add one 21kg (46lbs.) bag of GU80-1 Top Coat or GU80-1 Custom Top Coat powder. Mix thoroughly for 3 to 4 minutes, with a Wind-lock B-M1 mixing blade, or equivalent, powered by a 13mm (1/2 inch) variable speed drill, capable of producing 1000 RPMs. TIP: In areas subject to extremely dry, and/or hot climates, it may be necessary to add water (up to .47L [1 pint] per mix). In order to avoid flash drying it may be necessary to chill the GU80-1 Liquid Admixture before mixing. Proper ventilation masks should be worn at all times when working with all Pli-Dek Products. Pli-Dek products must be stored in the shade to prevent overheating and reduction of pot life.

Cure Time:

Varies depending on application. See Application Instructions approximate cure times.

Technical Data:

Boiling Point	100°C/212°F Water
Vapor Pressure (mm Hg.)	17mm Hg @ 20°C/58°F Water
Vapor Density (Air=1)	<1 Water
Solubility in Water	Dilutable
Specific Gravity (H ₂ O=1)	1.0-1.2
Evaporation Rate	<1 Water
Odor Characteristic	Ammonia Odor
PH	9.5-10.5
Viscosity	50 CPS Maximum
Melting Point	0°C/32°F Water
Percent Volatility	52-52% Water
VOC Content (ASTM D3960-90)	≤100 grams per liter

Limitations:

Air temperature for the application must be between 10°C (50°F) and 43°C (110°F) and must remain so for a minimum of 8 hours. Do not apply if rain is expected in 24 hours.

Warranty:

Please contact Pli-Dek LLC for details.

Disclaimer:

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Technical Assistance:

Contact Pli-Dek LLC for any job specific questions.



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