

TerraPRIME™ Polyurea Primer/Basecoat

100% Solids Polyurea Primer/Basecoat is designed for broadcast systems. Excellent adhesion, extended pot life, and rapid cure, this basecoat offers:

- Walkability in 1-2 hours
- Unlimited pot life
- Easy Mix 2:1 ratio
- Extreme Flexibility and elongation properties
- Extended broadcast open times
- Pre-tinted to ensure ease and consistency
- Extreme adhesion for most substrates
- Low temp cure

PRODUCT PROPERTIES

• Tabor Abrasion Mg Loss	ASTM D4060	30
• Tensile Strength	ASTM D412	1860
• Falling Sand A Resistance	ASTM D968	30
• Elongation	ASTM D412	310%
• Compressive Strength	ASTM D695	9,124 PSI
• Tear Strength (PLI)	ASTM D1737	550
• Flexibility (1/2 Mandrel)	ASTM D2794	PASS
• Gloss	ASTM D523	70+

SUBSTRATE PREPARATION

New concrete requires a 28-day cure with CSP 2-3 before coating. Existing concrete prepare by removing all paint, adhesives, oil, dust, debris etc. Surface should be clean and pass MVT. Use Armour Patch or TerraMEND for any crack repairs before beginning application process.

STORAGE

Store up to 12 months tightly sealed, away from direct sunlight at 40°F-95°

PRODUCT CURE TIMES

• Tack Free Time at 70°F	60-120 Mins
• Hard Dry	2-4 Hours
• Foot Traffic	1-2 Hours
• Recoat Window	24 Hours

PRODUCT ADHESION

• Concrete Substrate Failure	675 PSI
• Steel Delamination	1200 PSI
• Wood Substrate Failure	600 PSI

RECOMMENDED COVERAGE

Based on 1600 sqft per gallon at 1mil thickness, will vary based on substrate condition and application process. Ground floors require less product than shot-blasted floors.

- 3/8" Nap Roller 350-300 sf/gal
- Flat blade squeegee w/ backroll 225-300 sf/gal

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CONFIGURATIONS

Available pre-tint option of tan, gray, or taupe. Taupe kits are 1 gray side A and 1 tan side A. Sold in 15-gallon kits or 3-gallon kits.

MIXING RATIO

Standard mix ratio is 2A:1B. Always premix A side using a low speed for 2 minutes. Never whip the product; introducing air into the product will reduce potlife. Never mix more than 3 quarts at a time which will cover approximately 200-250 sqft. Mix even smaller batches for edges, verticals or in high heat conditions. This product may be reduced with up to 10% total mixed volume with Acetone.

CLEANING

Clean tools with acetone immediately after use.

WARRANTY

The technical data and any other printed information furnished by Valence Supply is true and accurate to the best of our knowledge. This product conforms to in-house quality control procedures and should be considered free of defects. Due to the wide range of applications for this product, it is impossible to assume responsibility for any errors in regard to application, storage conditions, coverage, workmanship, over-spray, or injuries resulting from the use of this product. Liability, if any, for this product will be in the form of replacement materials provided the product was stored correctly and applied during the shelf life. The possibility exists to warrant this product on a specific application basis under specific written application instructions from Valence Supply.