

TerraMEND CONCRETE MENDER

100% Solids Polyurea Repair Material is designed for rebuilding broken control joints, filling cracks, and repairing spalled concrete quickly.

- Cures from -20°F to 130°F
- Ready to grind in 30 minutes
- Self-priming and self-leveling
- Produces high-strength quickly
- Mix with dry aggregate
- Meets USDA and FDA Requirements
- Meets US Green Building Council's LEED® standards for IEQ Credit 4.1

PRODUCT PROPERTIES

• Viscosity	When Mixed	250 cps
• Tensile Strength	ASTM D412	5800
• Adhesion	ASTM D7234-12	235
• Compressive Strength	ASTM D695	6240 PSI
• Elongation	ASTM D412	4%
• Shore "D" Hardness	ASTM D2240	67-72D

CONFIGURATIONS

Sold in 2 -gallon kits.

Available in 10-gallon kits upon request.

SUBSTRATE PREPARATION

New concrete requires a 28-day cure before using. Prepare by removing all paint, adhesives, oil, dust, and other debris to expose clean, rough concrete for best results. For large spalls, cut a vertical edge at least 1/4" deep around perimeter

MIXING RATIIONS

Condition material to be at least 70°F. Measure equal parts A and B into mixing containers. Mix for at least 20 seconds. Cures faster with larger volume. Never mix more than 2 quarts at a time. Pot life approx. 5 mins.

AGGREGATE FILLER INFO

Filler silica sand should have minimal moisture content and range in grit from 12-60. Pea gravel can be used on very large spalls. Concrete dust, unsanded grout, and other cementitious materials such as underlayment or overlays can also be used as filler. Work in layers and when cured, use a diamond cup wheel to remove excess and grind flush with concrete.

CLEANING

Empty containers must be drip free. Cured product may be disposed of without restrictions. Excess liquid A and B material should be mixed together and allowed to cure, then disposed of normally. Cured materials may be stripped or peeled from plastic tools and containers. Metal tools should be stripped or peeled within one hour of use. Use Acetone to clean tools.

STORAGE

Store up to 12 months tightly sealed, away from direct sunlight at 55°F & 85°

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TROWELABLE APPLICATION COVERAGE

Moderate Surface Damage: 500-700 sf per gallon
Significant Surface Damage: 200-400 sf per gallon
Substrate hardness/density and repair depth will vary.

APPROXIMATE COVERAGE RATES

1/8" x 1" Crack = 154 lf per gallon
1/4" x 1" Crack = 77 lf per gallon
1/2" x 1" Crack - 39 lf per gallon

COVERAGE CALCULATION

To calculate the amount of material to make a repair, calculate cubic inches by multiplying the approximate length x width, x height; add 10% for waste/overflow. Do not thin; solvents will prevent proper curing.

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.