



# 1010 Solid-X Trowelable Epoxy Mortar

## Technical Data Sheet

### PRODUCT DESCRIPTION

Solid-X Trowelable Epoxy Mortar is a three-component epoxy-based repair mortar intended for structural floor repairs. This product features a compressive strength greater than concrete and great towability with minimal shrinking for structural seamless floor repairs.

### COMPOSITION

Special proprietary blend of polymers, curing agents, and structural quartz sand.

### USES

Solid-X Trowelable Epoxy Mortar can be used for repairing floor defects too large for a resin-only product or situations where the repair needs to be formed such as large spalls, trenches, joint reconstruction, curb repair, building ramps, transitions, and more.

### ADVANTAGES

- High solids / no VOC
- Stronger concrete
- Low odor
- Fast cure
- Excellent resistance to most chemicals
- South Coast AQMD compliant

### Packaging

3- and 5-Gallon Self-Contained Kits.

### Areas of Use

- Garage Floors
- Retail Floors
- Industrial Floors
- Concrete Floors

**INSTALLATION** (See Installation Guide for expanded detail)

### WARRANTY

Versatile Building Products guarantees that this product is free from manufacturing defects and complies with our published specifications. In the event that the buyer proves that the goods received do not conform to these specifications or were defectively manufactured, the buyer's remedies shall be limited to either the return of the goods and repayment of the purchase price or replacement of the defective material at the option of the seller. Versatile Building Products (herein referred to as "seller") makes no warranty, expressed or implied, regarding the use of its products. Since use of this product is beyond the seller's control, the buyer assumes all risk of use. Seller's obligation shall be to replace material if found defective. Seller shall not be liable for any damage, injury, loss, direct or consequential, resulting from the use of its products. End user must determine if substrate is suitable for coating application before installing.

### TECHNICAL PROPERTIES

3-gallon kit Mix Ratio (A: B: C)	1:1:1
Color (mixed)	Light Gray
% Solids	100 %
VOC	0 g/L
Pot Life (75°F, 1gal mass)	45 mins.
Gel Time	30 mins.
Cure Time	
Dry to Touch	120 mins.
Through Cure	24 hours.
Full Cure	7 Days.
Compressive Strength (ASTM D695)	12,019 p.s.i.
Tensile Strength (ASTM D638)	7,100 p.s.i.
Adhesion (ACI 503R)	350 p.s.i. (100% concrete failure)
Abrasion (ASTM D4060)	41.2 mg lost
Flammability	Self-extinguishing Over concrete

### TEMPERATURE

Product was tested at ambient temperature (75°F -77°F). Results will vary when product is used at temperatures different from testing temperature. The pot life, gel time, and cure time is generally longer for colder temperature applications, and shorter for higher temperature applications. Physical properties are also impacted and dependent upon temperature.

### DISCLAIMER

All information provided in this technical data sheet is based on laboratory data. It is the responsibility of the customer to test the material for their application and conditions prior to using the product.

### TECHNICAL SERVICES

Consult with our Technical Services department by contacting VBP direct at 714-829-2600.



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