



# BELTER REPAIR MORTAR

## Technical Data Sheet

### PRODUCT DESCRIPTION

Belter Repair Mortar is a cement-based, polymer modified material to repair vertical and overhead concrete and masonry surfaces. Belter Repair Mortar is high strength, low shrinkage and fast setting making it a cost-efficient solution.

### PRODUCT USE

Belter Repair Mortar is suitable for:

- Cracks in Curbs, Steps, and Floors
- Parking Structures, Walkways, Bridges, & Tunnels
- Fast Repairs for Bridges, pilings, and buildings
- Vertical and Overhead Repairs
- Repairs for Precast concrete panels

### BENEFIT

- Vertical & Overhead Repairs
- Fast Repair; 6-20-minute initial set
- ASTM C-666 Freeze Thaw Resistance = 50 cycles
- ASTM C-348 Flexural Strength 28 days = 1680
- ASTM C-109 Compressive Strength= 7025
- ASTM C-157 Shrinkage
- Can be installed 1/4" to 2"
- Enhanced with Belter Corrosion inhibitor

### SUSTAINABILITY

Belter Tech prides itself on sustainability, therefore Belter Repair Mortar contains post-consumer recycled content is all mineral based. LEED documentation can be obtained from our Belter tech technical representatives.

### YIELD

- A 50-pound bag approximately yields .5 ft<sup>3</sup>



### BAG SIZES

Available 50-pound multiwall paper bags with moisture barrier

THICKNESS	COVERAGE (SQ FT)	COVERAGE (SQ M)
	Average	Average
1/4" (6.35 mm)	25 sq ft	2.3 sq m
1" (25.4 mm)	6.25 sq ft	0.58 sq m



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### INSTALLATION

#### SURFACE PREPARATION

Ensure substrate is cleaned thoroughly, making sure to remove dirt, loose debris, including, flaking paint, peeling adhesive, waxes sealers and chipped concrete. Pay special attention to stains resulting from grease and oil spills, as their residue will compromise the bond between the existing substrate and Belter Repair Mortar. Mechanical Grinding or Shot Blasting are recommended in this case especially where coatings or adhesives are on existing substrates. Apply Belter Corrosion Inhibitor to stop the corrosion of steel.

#### MIXING

Add Belter Repair Mortar bag into a pale. For every 50 pounds bag dry mix add 5 quarts of water. Add 3/4's of water and blend together. Mix until materials are combined. This mix will be dry until remainder of water is added if you do not want slump to be wider do not add entire amount of water. Do not over-water as This will lead to lower psi and cracking. Exact amount of water will vary depending on desired slump and consistency.

#### STORAGE

Keep Belter Repair Mortar stored in a cool, dry space and away from open flame and heat sources.

#### CURING

Belter Repair Mortar Is cementitious mixture which may require wet curing per your local codes/ engineering requirements. Simply cure properly with high humidity like other cementitious mixtures.

#### LIMITATIONS

Belter Repair Mortar cannot be applied to frozen surfaces or in any area that will drop below 40 F° within 24 hours.

#### SAFETY

While mixing dust produced during mixing or cutting may cause skin and eye irritations as well as allergic skin reactions. Respirable dust may contain crystalline silica, a known carcinogen. Do not smoke, eat, or drink when using this product. Wash hands carefully after handling. Do not handle until all safety precautions have been read and understood. Wear protective clothing, gloves, eye, and face protection. Should be used only in well-ventilated areas.



#### WARRANTY

NOTICE: Obtain the applicable LIMITED WARRANTY at [www.beltertech.com/product-warranty](http://www.beltertech.com/product-warranty) or send a written request to BelterTech, 3020 Commerce Way, Suite D, Hapeville GA 30354.