



TECHNICAL DATA

BELTER REPAIR MORTAR EPD

PRODUCT DESCRIPTION

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

PRODUCT USE

Belter Repair Mortar EPD is suitable for cracks in curbs, steps, and floors. Parking structures, walkways, bridges, and tunnels. Fast repairs for bridges, pilings, and buildings. Vertical and overhead repairs, and repairs for precast concrete panels.

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 website www.beltertech.com

YIELD

A 50-pound bag approximately yields .5 ft³

BENEFITS

- Vertical & Overhead Repairs
- Fast Repair; 6–20-minute Initial Set
- ASTM C-666 Freeze Thaw Resistance = 50 cycles
- ASTM C-882 Shear Bond Strength 28 days = 1800 psi
- ASTM C-348 Flexural Strength 28 days = 1680 psi
- ASTM C-109 Compressive Strength 28 days = 7025 psi
- ASTM C-157 Very Low Shrinkage
- Can be installed 1/4" to 1/2" Lifts 2" Max Per Day
- Enhanced with Belter Corrosion Inhibitor



BAG

50-pound multiwall paper bags with moisture barrier

Thickness	Average sq. ft	Average sq. m
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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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 EPD. Mechanical grinding or shot blasting are recommended in this case especially where coatings or adhesives are on existing surface.

MIXING

Add Belter Repair Mortar EPD bag into a pail. 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.

STORAGE

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

WARRANTY

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

CURING

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

SAFETY

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.

