



BELTER FIREPLAST

Technical Data Sheet

PRODUCT DESCRIPTION

Belter FirePlast is a unique cement-based plaster with superior fire-resistance and thermal values. This product is made from 16% Post-Consumer Waste which is important for LEED purposes. This product can be applied to any substrate but excels when applied to any steel.

PRODUCT USE

Belter FirePlast is designed for fire protection of steel. This also provides a great thermal barrier to add to the fire protection. Provides water-resistance and moisture protection.

SUSTAINABILITY

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

YIELD

• TBD

BENEFITS

- Superior Fire-Resistance
- Stable, very light spherical grain
- Trowel & Sprayed
- Powdered Product. Just add Water & Mix
- Sound Absorbing
- Zero Risk of Asbestos
- Meets ASTM E136 non-combustible
- Not a host for pests or rodents
- Does not provide a bed for mold growth
- Contaminant-free, odorless, anti-allergen
- Tested and recommended by the Institute of Building Biology + Sustainability
- Long-term stable, no material fatigue



BAG SIZES

TBD

| THICKNESS | COVERAGE (SQ FT) | | COVERAGE (SQ M) | |
|---------------|------------------|--|-----------------|--|
| | Average | | Average | |
| 1" (25.40 mm) | TBD | | TBD | |
| 4" (101.6 mm) | TBD | | TBD | |



INSTALLATION

SURFACE PREPARATION

Ensure substrate is cleaned as thoroughly as possible, making sure to remove dirt and loose debris, including but not limited to flaking paint, peeling adhesive, and chipped concrete. Pay special attention to stains resulting from grease and oil spills, as their residue could compromise the bond between the existing substrate and Belter FirePlast. Belter Prime Products should be applied in preparation.

MIXING

Add Belter FirePlast bag into a pale. For every ___ pounds bag dry mix add ___ 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 FirePlast 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.

FINISHING

Belter FirePlast can be finished using standard industry techniques for concrete finishing. It can be sprayed or troweled finished or finished using other regular industry methods

CURING

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

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.

