



BELTER YIELD EPD

PRODUCT DESCRIPTION

Belter Yield EPD blends sustainability with strength. This high strength concrete is now infused with 40% recycled content, making it an eco-conscious choice for your projects. With a robust 5500+ PSI strength, it outperforms traditional mixes, ensuring durability and reliability. Boasting 58% more coverage, Belter Yield EPD excels in efficiency. The enhanced bonding adhesion provides superior strength, allowing for thinner pours while resisting cracking, particularly suitable for metal decking or structure infills where weight loads are a concern. Embrace the future of concrete with Belter Yield EPD, a low embodied carbon solution that aligns performance with environmental responsibility.

PRODUCT USE

Belter Yield EPD is suitable for:

- Metal Decks
- Floor Screeds
- Patios
- Metal Pan Stairs
- Sidewalks
- Parking Decks
- Ramps & Roofs

SUSTAINABILITY

Belter Tech prides itself on sustainability, therefore Belter Yield EPD contains 40% recycled materials and is all mineral based. LEED documentation can be obtained from www.beltertech.com

YIELD

80 lb bag yields approximately 0.82 ft³

14 lb Bucket yields approximately 0.15 ft³

BENEFITS

- Contains 58% More Volume Than Traditional Concrete
- 40% Recycled Content
- Exceptional Crack Resistance
- Low Embodied Carbon Concrete
- Meets ASTM C-109: 7 days = 5,500 psi
- Lightweight
- Air content (ASTM C231) – 5.6%
- Wet Density 117lbs /cu.ft (ASTM C-185)
- Cured Density 115lbs +/- 5lbs / cu.ft (ASTM C-29)
- Superior Adhesion to Substrates



BAG

80-pound multiwall paper bags with moisture barrier

BUCKET

14-Pound 2 Gallon Bucket
Visit beltertech.com to purchase

Thickness	Average sq. ft	Average sq. m
1" (25.40 mm)	12.36 sq. ft	0.90 sq. m
4" (101.6 mm)	2.42 sq. ft	0.23 sq. m



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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 Yield EPD. Belter Prime Products should be applied in preparation.

MIXING

Add Belter Yield EPD bag into a pail or concrete mixer. For every 80 pound bag dry mix add 1.7 to 1.8 gallons of water. Add 3/4's of water and blend together. Mix until materials are combined. This mix will be dry until the 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. For 2-gallon bucket visit beltertech.com for mixing instructions.

STORAGE

Keep Belter Yield 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.

FINISHING

Belter Yield EPD can be finished using standard industry techniques for concrete finishing. It can be hand floated/ troweled, broom finished, or finished using other regular industry methods.

CURING

Belter Yield EPD 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

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.

