



Westbrook Fine Core Fill Grout

Finely-Graded, High Strength Masonry Grout

Manufacturer

Westbrook Concrete Block Company
439 Spencer Plains Road, PO Box 700
Westbrook, CT 06498
www.westbrookblock.com

Product Description

Westbrook Fine Core Fill Grout is a finely graded, resilient grout specially designed with excellent flow in order to easily and efficiently fill concrete masonry cells, reinforced bond beams, and composite construction cavities. This high compressive strength product excels in bonding masonry units and steel reinforcement in masonry cores to its masonry assemblage. Westbrook Fine Core Fill Grout meets and exceeds the requirements of ASTM and ACI standards.

Uses

- » Fill masonry voids to create structurally sound wall systems for masonry construction
- » When grouting masonry spaces smaller than 4" horizontally in both directions or 2" horizontally where no steel is in the space
- » Bond beams
- » Structural hollow clay units
- » Load bearing concrete masonry units
- » Multi-wythe masonry structures
- » Vertical reinforcing
- » Horizontal reinforcing

Advantages

- » High-strength, fine core fill grout
- » Quality controlled for mixed consistency
- » Pre-blended dry mix for ease of use
- » Superior flow
- » High compressive strength
- » Pumpable
- » Reduced segregation





Installation

- SURFACE PREPARATION:** Concrete cavity must be structurally sound and clear of all moisture, oil, paint, and foreign materials. Do not apply if rain or freezing weather is forecasted for the next 24 hours. Prepare the unit by clearing it of any obstructive particles (dirt, contaminants, etc.). Pressure washing or a high-pressure air blowing system is recommended.
- MIXING:** Use a mechanical batch mixer to ensure optimal uniformity in the mixed product. Add 6 – 7 quarts of clean, potable water (or enough to product a slump of 8 – 11”) to the mixer and empty grout bag into the mixer while mixer is stirring. Mix thoroughly for about 5 minutes. Apply mixture immediately.
- APPLICATION:** Install grout in accordance with the provisions of applicable ASTM standards and local building code. Grout can be placed by hand using a steel trowel or accomplished through mechanical delivery. Before drying, ensure that the grout is even and level with the top of the masonry units. Discard remaining grout after 1 ½ hours of initial mix time. After discarding material, clean all materials immediately with water.

Curing

Drying time will vary depending on weather conditions. However, Westbrook Fine Core Fill Grout should cure at a minimum of 28 days.

Coverage

The fill rate varies, depending upon the width, depth, and height of the masonry cell, or if you're using the product to fill cores. One 80 lb. bag fills approximately 3.6 6” blocks, 2.7 8” blocks, 2.2 10” blocks, and 1.8 12” blocks. One 80 lb. bag fills approximately 7.2 6” block cores, 5.4 8” block cores, 4.4 10” block cores, and 3.6 12” block cores.

Packaging

80 lb. multi-wall paper bags with a moisture barrier.

Color

Cement gray.

Technical Data

Compressive Strength (ASTM C-1019):
28 Days 3000 psi

Meets or exceeds the requirements of ASTM-C-476 Standard Specification for Masonry Grout with a slump ranging from 8 – 11”.



Limitations

- » Appearance and coverage may be affected by application method or weather conditions. Follow industry best practices; apply material in accordance with local business codes
- » Ensure cavity preparation is completely followed to prevent foreign materials from interrupting the performance of the grout
- » In extreme temperatures, consult ACI, ASTM, IMIAC or Masonry Institute standards to take appropriate precautions when applying outside
- » Protect uncoated aluminum from contact with Portland cement based materials
- » Avoid freezing, exposure to reactive materials, and exposure to water within 24 hours of applying grout
- » To consolidate grout and remove air pockets, rodding is recommended
- » Install only when substrate temperatures are between 40 – 90° F
- » Shelf life is one year from manufacture date

Caution

For professional use only. Prior to usage, carefully read and follow data sheet and MSDS document. Use in well ventilated areas. Contains Portland Cement CAS #65997-15-1. Freshly mixed cement products may cause skin injury. Is irritating to eyes and skin. Avoid contact with skin where possible and wash exposed areas promptly with water. If any product gets into the eye, rinse immediately and repeatedly with water. If ingested, do not induce vomiting and get prompt medical attention. Also contains Sand CAS #14808-60-7. Avoid breathing dust. Prolonged exposure to dust may cause delayed lung injury (silicosis) or cancer IARC Class 2A. Wear NIOSH approved mask for silica dust. KEEP OUT OF REACH OF CHILDREN.

Warranty

Due to the use of this product beyond our control, we assume no liability for damages of any kind, and the user accepts the product “as is” and without warranties, expressed or implied, from either Westbrook Concrete Block Company or its agents. The suitability of the product for an intended use shall be solely up to the user. Our only obligation shall be to replace or pay for any material proved out of specification, with our liability limited to the purchase price of materials supplied by us. The final surface appearance varies with the amount of sealer used and type of surface. Westbrook Concrete Block Company and its agents shall not be held liable for variations in final job appearance.