CORE FILL GROUT - COARSE

PRODUCT NO. 1585-07

DIVISION 4

Masonry Grouting
04 05 16

PRODUCT DESCRIPTION

QUIKRETE® Coarse Core Fill Grout is a Portland cement based flowable grout specifically designed to fill masonry block cores.

PRODUCT USE

QUIKRETE® Coarse Core Fill Masonry Grout can be mixed to an 8 to 11 inch (200 – 280 mm) slump and poured or pumped into the cores of masonry walls. Requiring only the addition of water, QUIKRETE® Coarse Core Fill Masonry Grout is a uniformly blended, properly proportioned mixture of Portland cement, graded sand, 3/8 inch (10 mm) aggregate, and other proprietary additives designed to provide a flowable grout. QUIKRETE® Coarse Core Fill Masonry Grout complies with the requirements of ASTM C 476.

SIZES

• Coarse Core Fill Masonry Grout - 80 lb (36.3 kg) bags

YIELD

Each 80 lb (36.3 kg) bag will yield approximately 0.65 ft^3 (18.4 L)

COVERAGE

Each 80 lb (36.3 kg) bag of QUIKRETE® grout will fill the cores of approximately 3 standard 8" × 8" × 16" (203 × 203 × 406 mm) block.

TECHNICAL DATA

ASTM International
• ASTM C 476 Standard Specification for Grout for Masonry

PHYSICAL/CHEMICAL PROPERTIES

QUIKRETE® Core Fill Grouts meet and exceed the performance requirements of ASTM C 476 for masonry grouts and achieve the typical properties shown in Table 3, when tested in accordance with that specification.

TABLE 3 – TYPICAL PROPERTIES

Property	Result
Water Content	10-16% by weight
Slump	8”-11” (200-280 mm)
28 day strength[1]	> 3000 psi (20.7 MPa)
Unit Weight, Coarse	~140 lb/ft^3 (2240 kg/m^3)

[1]Other strength products are available to meet jobsite strength requirements

INSTALLATION

MIXING

Add approximately 4 quarts (3.8 L) of clean water for each 80 lb (36.3 kg) bag and mix for approximately 5 minutes in a standard mortar mixer or drum-style concrete mixer. If more water is needed to obtain a flowable 8" - 11" (200 - 280 mm) slump, add small amounts of water at a time until the desired consistency is achieved. A minimum slump of 8” (200 mm) must be achieved to comply with ASTM C 476 and local building codes. Do not exceed a maximum of 6 quarts (5.7 L) of water for each 80 lb (36.3 kg) bag. Mix only the amount of material that can be used within one hour.

PLACING

Pump or pour into cores of the masonry wall. Grout all concrete masonry block bond beams, lintels and rebar-reinforced cells. Do not place grout until the entire height of masonry to be grouted has achieved sufficient strength to resist grout pressure.

Consolidate by vibration and refill in accordance with building code requirements.

Note: QUIKRETE® Coarse Core Fill Masonry Grout (#1585-07) is designed for use when grout space is greater than 4 inches (100 mm) in either direction. Use QUIKRETE® Fine Core Fill Masonry Grout (#1585-08) when masonry grout space is less than 4 inches (100 mm) in both directions.

CURING

Under normal circumstances, no special curing is required. Keep the temperature above 50°F (10°C) for a minimum of 7 days. Plastic sheeting and insulation blankets should be used if temperatures are expected to fall below 32°F (0°C).

WARRANTY

The QUIKRETE® Companies warrant this product to be of merchantable quality when used or applied in accordance with the

instructions herein. The product is not warranted as suitable for any purpose or use other than the general purpose for which it is intended. Liability under this warranty is limited to the replacement of its product (as purchased) found to be defective, or at the shipping companies' option, to refund the purchase price. In the event of a claim under this warranty, notice must be given to The QUIKRETE® Companies in writing. This limited warranty is issued and accepted in lieu of all other express warranties and expressly excludes liability for consequential damages.

The QUIKRETE® Companies
One Securities Centre
3490 Piedmont Rd., NE, Suite 1300, Atlanta, GA 30305
(404) 634-9100 • Fax: (404) 842-1425

** Refer to www.quikrete.com for the most current technical data, MSDS, and guide specifications*