



# Self-Consolidating Core-Fill Grout Fine

No. NR80013, 8080013

**Uses:** QUIKRETE® Self-consolidating Core-Fill Grout - Fine is a Portland cement based, highly fluid grout specifically designed to fill masonry block cores without the need for vibration. QUIKRETE® Self-Consolidating Core-Fill Grout can be mixed to a 24"-28" (600-700 mm) slump flow (ASTM C 1611) and poured or pumped into cores of masonry walls in lifts up to 12' 8" (3.9 M). QUIKRETE® Self-consolidating Core-Fill Grout - Fine complies with the requirements of ASTM C-476.

**Composition and Materials:** QUIKRETE® Self-Consolidating Core-Fill Grout - Fine (No. 1585-06) is a uniformly blended, properly proportioned mixture of Portland cement, graded sand other proprietary additives designed to provide a highly fluid grout, requiring only the addition of water. The strength of the product can be modified to meet job-site strength requirements.

**Packaging:** Available in 3000 lb (1362 Kg) super sacks.

**Yield:**

Each 3000 lb. (1362 Kg) bag of Self-Consolidating Core-Fill Grout will yield approximately 0.95 cu. yd. (0.73 M<sup>3</sup>) of mixed grout depending on the specific mix design used.

**Coverage:**

A 3000 lb (1363 kg) bulk bag will fill the cores of approximately 110 nominal 8" x 8" x 16" block.

**Technical Data:**

QUIKRETE® Self-Consolidating Core-Fill Grout meet and exceed the performance requirements of ASTM C 476 for masonry grouts and achieves the following typical properties when tested in accordance with that specification and the test methods ASTM C 1611:

Property	Result
T <sub>50</sub>	< 5 seconds
Slump Flow	24-28 " (610-711 mm)
Visual Stability Index	0 or 1
28 day Strength	4,000 psi (27.6 MPa)
Unit Weight	130-150 lb/cu. ft. (2080- 2400 Kg/M <sup>3</sup> )

\*Note: Water demand and bulk density vary with design

**Mixing:** QUIKRETE® Self-Consolidating Core-Fill Grout requires only the addition of water. Mix for a minimum of 5 minutes. Prior to use, a T-50 test must be performed achieving a minimum slump flow of 20" (500 mm) in 5 seconds or less. If additional water is needed, add small amounts at a time until the desired slump flow range of 24"-28" (600-700 mm) is achieved, in accordance with ASTM C-1611. A slump flow range of 24"-28" (600-700 mm) must be maintained to achieve self-consolidating properties. Mix only enough Self-Consolidating Core-Fill Grout as can be applied in 1-1/2 hours.

**Installation:** Pump or pour Self-Consolidating Core-Fill Grout into the cores of masonry walls in lifts up to 12' 8" (3.9 M). Grout all concrete masonry block bond beams, lintels, and cell cores that contain reinforcing steel. Do not place grout until entire height of masonry to be grouted has achieved sufficient strength to resist grout pressure. Mechanical consolidation and vibration are typically not necessary. When required, consolidate by vibration and refill in accordance with local building code. Place grout in accordance with local building codes.

**Curing:**

Under normal circumstances, no special curing is required. In cold weather keep wall and grout temperature above 40°F (4° C) during placement. Protect from freezing for at least 24 hours.

**The QUIKRETE® Companies, Inc.**

One Securities Centre  
3490 Piedmont Road, Suite 1300  
Atlanta, GA 30305  
404.634.9100

**Warranty**

The QUIKRETE® Companies warrant this product to be of merchantable quality when used or applied in accordance with the instructions 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 at Atlanta, GA 30305. The limited warranty is issued and accepted in lieu of all other express warranties and expressly excludes liability for consequential damages.

***The QUIKRETE® Companies, Inc.***

One Securities Centre  
3490 Piedmont Road, Suite 1300  
Atlanta, GA 30305  
404.634.9100