

NON-SHRINK GENERAL PURPOSE GROUT (1585-01)

High Strength, non-metallic, Portland cement based material designed for grouting steel columns, bearing plates, pre-cast concrete and anchoring applications

DIVISION 3

Non-Shrinking Grout
03 62 00



QUIKRETE® Non-Shrink General Purpose Grout is a high strength, non-metallic Portland cement based material with expansive additives. It is designed for grouting, anchoring applications and general construction. The non-shrink characteristics of this material make it stable and capable of handling high load transfers. QUIKRETE Non-Shrink General Purpose Grout can be mixed to a plastic, flowable or fluid consistency, and the material complies with ASTM C1107 and Army Corp of Engineers CRD 621.

Use for Grouting of:

- Steel columns
- Bearing Plates
- Pre-cast Concrete
- Keyway Grouting
- Other anchoring or void filling applications that require high strength

Product Features:

- High Strength
- Capable of High Load Transfers
- Non-Shrink
- High Flow

Performance Data: TYPICAL PHYSICAL PROPERTIES @ 72 °F (22 °C)

Compressive Strength
ASTM C109 (Modified)

	Plastic	Flowable	Fluid
1 Day	3000 PSI (20.6 MPa)	2500 PSI (17.2 MPa)	2000 PSI (13.7 MPa)
3 Days	5500 PSI (37.9 MPa)	4500 PSI (31.0 MPa)	3500 PSI (24.1 MPa)
7 Days	7000 PSI (48.2 MPa)	6500 PSI (44.8 MPa)	5500 PSI (37.9 MPa)
28 Days	9000 PSI (62.0 MPa)	8000 PSI (55.1 MPa)	7000 PSI (48.2 MPa)

Height Change, ASTM C1090
@ 1, 3, 7 & 28 days

0 to 0.2% 0 to 0.2% 0 to 0.2%

Height Change, ASTM C827

0% 0.3% 0.8%

Typical Water Demand
per 50 lb (22.6 kg) Bag

4-1/2 qt (4.3 L) 5 qt (4.7 L) 5-1/2 qt (5.2 L)

Yield:

- Each 50 lb (22.7 kg) bag will yield 0.45 CU FT (12.7 L) at flowable consistency.