

PRODUCT LINE GUIDE:

DIVISION 32 > 32 01 29 > Rigid Pavement Rehabilitation

FastSet™ Concrete Mix >> Product No. 1004-51 (with Corrosion Inhibitor >> Product No. 1004-57)



DESCRIPTION >> PRIMARY USE

QUIKRETE® FastSet™ Concrete Mix is a rapid hardening structural concrete mix for use in construction and repair pavements, driveways, floors, bridge decks, highways, sidewalks and concrete parking lots. Use at any thickness from 1½" (38 mm) to 24" (610 mm). Exceeds the requirements of ASTM C928 R-3 for concrete repair materials. QUIKRETE® FastSet™ has less shrinkage than ordinary Portland cement concrete.

Compressive strength, ASTM C39

3 hours	3000 psi (20.7 MPa)
24 hours	5000 psi (34.5 MPa)
7 days	6000 psi (41.3 MPa)
28 days	7000 psi (49.3 MPa)

Slant shear bond strength, ASTM C928

1 day	1000 psi (6.9 MPa)
7 days	1500 psi (10.3 MPa)
28 days	2500 psi (17.3 MPa)

Setting Time, ASTM C191

- Final 25-45 minutes
- Slump, inches (mm) >3 (>76) (per ASTM C928)

SIZE AVAILABILITY

- 70 lb (31.8 kg) bags
- 3000 lb (1362 kg) bulk bags

Shrinkage, ASTM C928

- 28 days in air >-0.15
- 28 days in water >+0.15

FastSet™ DOT Mix >> Product No. 1244-55 (with Corrosion Inhibitor >> Product No. 1244-53)



DESCRIPTION >> PRIMARY USE

QUIKRETE® FastSet™ DOT Mix is a rapid setting, fiber-reinforced repair material specifically designed to meet ASTM C928 Category R-3 specifications for a high-performance repair materials. Basic use: patching materials for commercial applications at a thickness of ½" – 2" (13-51 mm). May be extended with up to 25 lb. (11.3 kg) of gravel per 55 pound (25 kg) bag for repairs to roads and bridges at a minimum thickness of 2" (51 mm).

Compressive strength, C109 Modified

Age	C928 Spec	Typical Values
1.5 hours	-	3000 psi (20.7 MPa)
3 hours	3000 (20.7 MPa)	4500 psi (31.0 MPa)
24 hours	5000 (34.5 MPa)	6500 psi (44.8 MPa)
7 days	5000 (34.5 MPa)	8000 psi (55.2 MPa)
28 days	-	10000 psi (69.0 MPa)

Slant shear bond strength

Age	C928 Spec	Typical Values
24 hours	1000 psi (6.9 MPa)	1200 psi (8.3 MPa)
7 days	1500 psi (10.3 MPa)	1620 psi (11.2 MPa)
28 days	-	2500 psi (17.3 MPa)

Setting Time, ASTM C191

- Initial 10-20 minutes
- Final 20-45 minutes

SIZE AVAILABILITY

- 55 lb. (25 kg) bags
- 80 lb (36.3 kg) bags – *Extended version availability (No. 1244-80)*
- 80 lb (36.3 kg) bags – *Extended version with corrosion inhibitor (No. 1244-83)*
- 3000 lb (1362 kg) bulk bags – *Extended version availability*



PRODUCT LINE GUIDE:

DIVISION 32 > 32 01 29 > Rigid Pavement Rehabilitation

Rapid Road Repair >> Product No. 1242



DESCRIPTION >> PRIMARY USE

QUIKRETE® Rapid Road Repair is a fast-setting, rapid-hardening mortar designed to repair concrete highways, bridge decks, concrete parking lots and concrete floors. In most cases, traffic can be resumed in less than 1 hour after patching. Rapid Road Repair can be used to replace sections of streets of highways, runways or taxiways of airports and other applications where quick return to usage is desired.

COMPOSITION & MATERIALS

Contains AR glass fibers for improved flexural performance essential for applications of severe vibrations as in the repair of bridge decks.

Compressive strength, ASTM C109

1 hour	3000 psi (20.7 MPa)
3 hours	3400 psi (23.4 MPa)
24 hours	5200 psi (35.9 MPa)
7 days	8100 psi (55.9 MPa)
28 days	8370 psi (57.7 MPa)

Setting Time, ASTM C191

- Initial 17-25 minutes
- Final 25-45 minutes

SIZE AVAILABILITY

- 50 lb (22.7 kg) bags
- 67 lb (30.4 kg) bags

Flexural strength, ASTM C78

4 hours	550 psi (3.8 MPa)
1 day	900 psi (6.2 MPa)
7 days	950 psi (6.6 MPa)
28 days	1000 psi (6.9 MPa)

Bond strength, ASTM C882

1 day	2000 psi (13.8 MPa)
7 days	2500 psi (17.3 MPa)

DIVISION 32 > 32 01 17 > Flexible Pavement Repair

Commercial Grade Permanent Blacktop Repair >> Product No. 1701



DESCRIPTION >> PRIMARY USE

QUIKRETE® Permanent Blacktop Repair is a specially formulated high performance asphalt cold patch material for repairing potholes and cracks over 1" (24.4 mm) wide in asphalt pavements. It is designed for use on roads, driveways and walkways. The product contains new modifier technology which provides superior placement and bonding characteristics and produces a virtually permanent repair, even in cold, damp conditions.

SIZE AVAILABILITY

- 60 lb (27.2 kg) bags
- 35 lb (15.9 kg) pails

