

TECHNICAL INFORMATION

The following are typical values obtained under laboratory conditions. Expect reasonable variation under field conditions.

Test Method	Test Property	Standard Unit
ASTM C579 2 in (50 mm) cubes @73 °F (23 °C)	Compressive Strength	1 day 15,800 psi (109.0 MPa) 7 days 17,000 psi (117.2 MPa) 28 days 17,500 psi (120.7 MPa) Post Cure* 19,000 psi (132.0 MPa)
ASTM C1181 28 day cure 400 psi (2.8 MPa) @ 140 °F (60 °C)	Compressive Creep	1.9 x 10 ⁻³ in/in/°F
ASTM C580	Flexural Strength	1 day 5,500 psi (38.2 MPa) 7 days 5,600 psi (38.9 MPa) 28 days 5,650 psi (39.2 MPa) Post Cure* 5,700 psi (39.6 MPa)
ASTM C307	Tensile Strength	1 day 1,900 psi (13.1 MPa) 7 days 2,000 psi (13.9 MPa) 28 days 2,300 psi (15.9 MPa) Post Cure* 2,400 psi (16.5 MPa)
ASTM C882	Bond Strength	1 day N/A 7 days 3,300 psi (22.9 MPa) 28 days 3,900 psi (27.0 MPa)
ASTM C531 7 days	Coefficient of Thermal Expansion	2.2 x 10 ⁻⁵ in/in/°F (74 to 210 °F) (23 to 99 °C)
ASTM C1339	Effective Bearing Area	> 95%
ICRI Protocol	Approximate Working Time	32 minutes at 73 °F (23 °C)
ASTM D2471 12 in x 12 in x 3 in (30 cm x 30 cm x 8 cm) specimen	Peak Exotherm	168 °F (75.6 °C) at 65 minutes
	Chemical Resistance	Excellent resistance to most industrial chemicals
	Abrasion Resistance	Greater than concrete

*Post Cure Procedure: Demold specimens after 24 hours; place in oven @140 °F (60°C) for 18 hours; remove from oven for 24 hours; perform test.

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