

TECHNICAL DATA

DESCRIPTION: **Gunite 7001** is a single component, micro silica modified shotcrete mortar with ½" polypropylene, alkali resistant fibers, available in both **Wet (7001w)** or **Dry Formulations (7001d)**. Fibers increase tensile and flexural strength, while reducing drying shrinkage. Air entrainment gives added resistance to freeze thaw cycling. **Gunite 7001** features micro silica to increase density and lower permeability. Special additives greatly reduce dust and rebound. A single component formulation, **Gunite 7001** is easy to use, requiring only the addition of potable water at the jobsite.

USE FOR: Bridges and roadways, tunnels and piers, manhole and sewer repairs, elevated concrete slabs, parking decks, piers and bulkheads

- ADVANTAGES:**
- Available in either **Wet Process (7001w)** or **Dry Process Formulations (7001d)**
 - Fibers provide superior tensile and flexural strengths and reduced drying shrinkage
 - Polymer modification increases bond strength
 - Low permeability
 - High build
 - Low rebound
 - Use on vertical or overhead repairs

	3 DAYS	7 DAYS	28 DAYS
Compressive Strength (ASTM C 109 Modified)	3000 psi (20.6 MPa)	4000 psi (27.4 MPa)	8000 psi (55.0 MPa)
Bond Strength (ASTM C 882 Modified)	900 psi (6.2 MPa)	1500 psi (10.3 MPa)	2250 psi (15.8 MPa)
Flexural Strength (ASTM C 348)		500 psi (3.4 MPa)	1900 psi (13.0 MPa)
Splitting Tensile (ASTM C 496)		400 psi (2.7 MPa)	1000 psi (7.0 MPa)
Unit Weight	135 lb/ft ³ (2.275 kg/m ³)		
Drying Shrinkage (ASTM C 157 Modified)	-.025 % (Dry Cured)		
Scaling Resistance 50 cycles (ASTM C 672)	none		
Rapid Chloride Permeability (ASTM C 1202)	<700 Coulombs		
Air Content	6 % (+/- 1.5%)		
Set Time	Initial Set 2 hours	Final Set 4 hours	

