

SureGrout 106



SureGrout 106 is an air-entrained, non-shrinking, and non-metallic precision grouting compound for use in construction trades and shear key grouting. The addition of an air entraining agent to SureGrout 106 provides better freeze-thaw cycling characteristics.

ADVANTAGES

- ✓ Air Entrained
- ✓ Easy Mixing – Just add water
- ✓ Non-Metallic
- ✓ Non-Shrinking
- ✓ High Compressive Strength
- ✓ Excellent Bond Strength
- ✓ May Be Extended with 3/8" Pea Gravel
- ✓ Pumpable & Flowable
- ✓ Non-Raveling
- ✓ Non-Corrosive
- ✓ Precision Blended
- ✓ Non-Rusting

COMPLIANCES

- ✓ ASTM C-1107
- ✓ CRD C-621
- ✓ DOT Approved
- ✓ New York State DOT 70-106

USES

- ✓ Base Plate Grouting
- ✓ DOT Approved
- ✓ Structural Columns
- ✓ Bearing Plates
- ✓ Anchor Bolts
- ✓ Precast Columns
- ✓ Foundation Underpinnings
- ✓ Precast Joints
- ✓ Machine Pads
- ✓ Bridge Columns
- ✓ Shear Keys
- ✓ Tilt Wall Panels

PACKAGING

- ✓ 50 lb. bags (.45 ft³)
- ✓ 3,000 lb. Bags (1 yd³)

TEST METHODS

TEST RESULTS

<i>Initial Set Time</i> (ASTM C-191)	4-5 Hours
<i>Final Set Time</i> (ASTM C-191)	5-6 Hours
<i>Working Time</i>	45 Minutes
<i>Color</i>	Concrete Gray
<i>Shelf Life</i>	One Year
<i>Bond Strength</i> (ASTM C-882) 28 Days	1,800-2,000 psi.
<i>Compressive Strength, Fluid</i> (ASTM C-109) 1 Day 7 Days 28 Days	2,400 psi. 6,400 psi. 7,600 psi.
<i>Height Change, Moist Cured</i> (ASTM C-1090) 28 Days	+0.06%
<i>Early Age Height Change</i> (ASTM C-827)	+0.68%
<i>Freeze-Thaw Resistance</i> (AASHTO T 161, Subjected to 25 Cycles of -10oF – 70oF in an NaCl Solution. Maximum 3% Loss Allowable)	1%
<i>Freeze-Thaw Resistance</i> (ASTM C-666, Procedure A) <i>Durability Factor @ 300 Cycles</i> <i>Mass Loss @ 300 Cycles</i>	96.7% 0.0%