

# 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 ft<sup>3</sup>)
- ✔ 3,000 lb. Bags (1 yd<sup>3</sup>)

## 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%