

SureGrout UW



SureGrout UW is a cementitious structural grouting compound for underwater placement. It is a ready-to-use dry powder that requires only the addition of potable water to produce a non-shrink grout which exhibits exceptional resistance to “washing-out” of the cement and fines or segregation when placed in stationary or moving fresh, brackish, or salt water. SureGrout UW also includes an amine-based corrosion inhibiting agent to help prevent corrosion on the rebar, threaded rod, or other metals embedded in the concrete. SureGrout UW may be pumped or used in tremie applications for pile jacket repairs.

ADVANTAGES

- ✓ Easy mixing - Just add water
- ✓ Non-Rusting
- ✓ Non-Shrinking
- ✓ No De-Watering Required
- ✓ High Compressive Strength
- ✓ Salt Water Resistant
- ✓ Excellent Bond Strength
- ✓ Shrinkage Compensated for Large Volume Placement
- ✓ May Be Extended with 3/8" Pea Gravel
- ✓ LEED Credits
- ✓ Integral Corrosion Inhibiting Agent
- ✓ Low In-Place Cost
- ✓ Pumpable & Flowable
- ✓ Non-Raveling
- ✓ Non-Corrosive
- ✓ Precision Blended
- ✓ Non-Metallic

USES

- ✓ Marine Construction
- ✓ Dam Repairs
- ✓ Piers
- ✓ Bridge Repairs
- ✓ Pile Jacketing Repairs
- ✓ Form & Pour Repairs Above Water
- ✓ Seawalls
- ✓ Sewer Pipe
- ✓ Bridge Columns
- ✓ Tunnels
- ✓ Underwater Grouting Applications

PACKAGING

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

| TEST METHODS | TEST RESULTS |
|---|--|
| Initial Set Time (ASTM C-191) | 3-4 Hours |
| Final Set Time (ASTM C-191) | 5-6 Hours |
| Bond Strength (ASTM C-882) 1 Day 7 Days 28 Days | 1,710 psi. 2,440 psi. 3,050 psi. |
| Compressive Strength (ASTM C-109) 1 Day 3 Days 7 Days 28 Days | 2,000 psi. 4,000 psi. 5,500 psi. 6,000 psi. |
| Height Change Moist Cured (ASTM C-1090) 28 Days | +0.015% |
| Early Age Height Change (ASTM C-827) | +0.10% |
| Slant Shear Bond Strength (ASTM C-882) 28 Days | 3,200 psi. |
| Length Change-Wet (ASTM C-157) | +0.04 @ 28 Days |
| Length Change-Dry (ASTM C-157) | -0.11 @ 28 Days |
| Splitting Tensile Strength (ASTM C-496) 28 Days | 500-600 psi |
| Freeze-Thaw Resistance (ASTM C-666, Procedure A) | 100% |
| Modulus of Elasticity (ASTM C-469) | 4,463,000 psi. |