

SureGrout UW 8K



SureGrout UW 8K is a cementitious structural grouting compound for underwater placement, where rapid strength is desired. SureGrout UW 8K develops compressive strengths greater than 8,000 psi. in just one week, which helps to speed up the pace of construction. SureGrout UW 8K 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 8K 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 8K may be pumped or used in tremie applications for pile jacket repairs.

ADVANTAGES

- ✔ Easy mixing – Just add water
- ✔ Non-Shrinking
- ✔ No De-Watering Required
- ✔ 8,000 psi. Compressive Strength in 7 Days
- ✔ 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
- ✔ Non-Rusting

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

<i>Initial Set Time</i> (ASTM C-191)	3-4 Hours
<i>Final Set Time</i> (ASTM C-191)	5-6 Hours
<i>Compressive Strength</i> (ASTM C-109) 1 day 7 Days 28 Days	4,500 psi. 8,000 psi. 8,500 psi.
<i>Height Change Moist Cured</i> (ASTM C-1090) 28 Days	+0.03%
<i>Early Age Height Change</i> (ASTM C-827) Maximum 4% Allowed	+0.10%
<i>Slant Shear Bond Strength</i> (ASTM C-882) 28 Days	2,500 psi.
<i>Length Change-Wet</i> (ASTM C-157)	+0.04 @ 28 Days
<i>Length Change-Dry</i> (ASTM C-157)	-0.14 @ 28 Days
<i>Freeze-Thaw Resistance</i> (ASTM C-666, Procedure A)	96.8% Relative Dynamic Modulus