SC PRECISION GROUT HS



High Performance/ High Strength Grout

A non-shrink, non-metallic, cementitious grout that provides high early and ultimate compressive strength throughout a variety of applications. The unique formula when mixed with water, creates a grout that is flowable and pumpable. Designed to provide effective load bearing for high strength precision grouting applications such as compressors, heavy equipment foundations and tank bases.



Benefits

- High early/ultimate compressive strength capability
- Minimize equipment downtime
- Controlled positive expansion for maximum effective bearing
- Non-metallic / non-corrosive
- Pourable / pumpable versatility
- Excellent freeze / thaw resistance
- Can be extended with pea stone for deep applications
- Coefficient of thermal expansion equivalent to concrete

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Usage

 For use in areas exposed to excessive vibration due to high-performance, industrial machinery.

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- ASTM C1107, Grade A, B & C
- CRD C-621 Grade A, B & C compliant



Packaging

- 50 lb bag
- Coverage: approximately 0.42 cu.
 ft. in a fluid condition

Typical Performance Data		
Compressive Strength	Recommended Water	
(ASTM C109)	5.5 Pints of water	5.75 Pints of water
24 Hours	9,450	8,360
3 Days	10,875	10,200
7 Days	12,150	11,350
28 Days	15,560	14,200
Hardened Expansion (ASTM C 1090)	0.09%	0.08%
Setting Time (Initial)	150 Minutes	150 Minutes
Setting Time (Final)	180 Minutes	180 Minutes
Consistency, flow test (2" X 4")	10"	10.5"
Mixed Density (lbs/cu-ft)	145	143
Slant Shear Bond		
3 Days	3300 psi	3050 psi
7 Days	3400 psi	3140 psi
28 Days	3500 psi	3220 psi
Freeze Thaw (ASTM C 666 Procedure A)		
Durability Factor @ 300 cycles		98.40%