



SikaGrout[®] 212

High performance, cementitious grout



A non-shrink, high performance, cementitious grout with a special blend of shrinkage reducing and plasticizing /water reducing agents that compensate for shrinkage in both the plastic and hardened states.



Advantages

- Mix manually or mechanically
- Contains no chloride - Non-metallic, will not stain or rust
- Multiple fluidity levels with one product
- Low heat build up
- Resistant to oil and water & Superior freeze/thaw resistance
- USDA approved
- Meets ASTM C-1107 (Grade C) - Meets CRD C-621

Typical Data

Shelf Life : One year in original, unopened bags.

Storage Conditions : Store dry at 40°-95°F (4°-35°C).

Product Conditioning : Condition material to 65°-75°F before using.

Color : Concrete gray

Flow Conditions

(ASTM C-109, Plastic & Flowable; ASTM C-939, Fluid)

Typical Water Requirements

Set Time (ASTM C-266)

Tensile Splitting Strength, psi (ASTM C-496)

Flexural Strength, psi (ASTM C-293)

Bond Strength, psi (ASTM C-882 modified)

Hardened concrete to plastic grout

Expansion % (ASTM C-1090)

Compressive Strength, psi (ASTM C-942)

		Plastic	Flowable	Fluid
	Initial	6 pt.+ 3.5-4.5 hr.	6.5 pt. 4.0-5.0 hr.	8.5 pt. 4.5-6.5 hr.
	Final	4.5-5.5 hr.	5.5-6.5 hr.	6.0-8.0 hr.
	28 day	600 (4.1 MPa)	575 (3.9 MPa)	500 (3.4 MPa)
	28 day	1,400 (9.6 MPa)	1,200 (8.2 MPa)	1,000 (6.8 MPa)
	28 day	2,000 (13.7 MPa)	1,900 (13.1 MPa)	1,900 (13.1 MPa)
	28 day	+0.021%	+0.056%	+0.027%
	1 day	4,500 (31 MPa)	3,500 (24.1 MPa)	2,700 (18.6 MPa)
	7 day	6,100 (42 MPa)	5,700 (39.3 MPa)	5,500 (37.9 MPa)
	28 day	7,500 (51.7 MPa)	6,200 (42.7 MPa)	5,800 (40 MPa)



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