



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)



SIKA CORPORATION
201 Polito Avenue
Lyndhurst, NJ 07071
Phone: 800-933-7452
Fax: 201-933-6225
Toll Free : 800.933.SIKA
usa.sika.com

SIKA CANADA INC.
601 Delmar Avenue
Pointe Claire
Quebec H9R 4A9
Phone: 514-697-2610
Fax: 514-694-2792

SIKA MEXICANA S.A. DE C.V.
Carretera Libre Celaya Km. 8.5
Fracc. Industrial Balvanera
Corregidora, Queretaro
C.P. 76920
Phone: 52 442 2385800
Fax: 52 442 2250537

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