

# K A U F M A N

PRODUCT  
INFORMATION

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## SureGrout HiFlow

### Description

SureGrout HiFlow is a precision made, ready to use, non-shrinking, non metallic grouting compound for use in construction trades and plant maintenance when ever a high tolerance, high strength and high fluidity are required. It is composed of a balanced blend of dry inorganic compounds, special cements, tough, high strength properly graded quartz aggregates, plus other proprietary ingredients. SureGroutHiFlow is formulated to provide consistent and exacting performance in critical grouting operations. It expands at a controlled rate to take up for the volumetric voids created by water evaporating from the mix. This insures high strength and intimate contact with surrounding surfaces and its resultant load-carrying ability.

SureGrout HiFlow is unique in the fact that it provides a very high flow mix that is extremely placeable for easy field use. It is slightly retarded to provide excellent working time, even at high ambient temperatures.

### Uses

Recommended for heavy duty grouting of machinery and equipment, structural columns and crane rails. Also use on bridge seats, bearing plates and anchorages.

### Features

- Non bleeding
- Water and oil resistant
- Non-corrosive
- Flowable
- Precision blended
- Economical
- Non-staining

### Technical Engineering Data

#### Compressive Strength, ASTM C-109

1 day	4100 psi
7 days	7000 psi
28 days	8950 psi

#### Volume Change, ASTM C-1090 & CRD C-621

1,7, & 28 days + 0.03%

#### Flexural Strength, ATM C-78

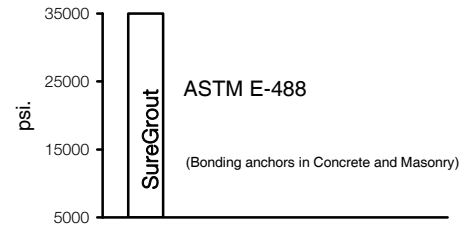
7 days	1190 psi
28 days	1310 psi

#### Setting Time, ASTM C-191

Initial Set	3.45 hours
Final Set	5.10 hours

### Pull Out Strength

All grouts should provide high bond strength to anchors and to the concrete in which they are embedded. Sure Grout provides over 35,000 psi when the anchor is placed in tension.



### Packaging/Yield

50 lb. Moisture resistant, 4 ply bag with polyethylene liner. Each bag yields .45 cu. ft. or 777 cu. in. when mixed normally.

### Compliances

ASTM	C-109	CRD	C-227
	C-157		C-621
	C-827		
	C-1107		

### Mixing Ratios

Fluidity	Bags <u>SureGrout</u>	Qts. <u>Water</u>
Fluid	1	4.2
Flowable	1	4.0
Plastic	1	3.8

### Directions

See separate sheet with complete directions

### Pumping

SureGrout HiFlow may be pumped successfully using a ChemGrout CG-550P Grout pump and mixer or similar pump.

### Specifications

All grouting shall be done with SureGrout HiFlow as manufactured by Kaufman Products, Inc. Baltimore, Maryland. The grout shall be mixed according to directions furnished by the manufacturer and installed in accordance with their directions. Perform all grouting work in accordance with the recommendations of the American Concrete Institute for mixing and placement of concrete.

Contractors using this product are encouraged to review "Recommended Field Procedures for SureGrout". Read Material Safety Data before using.