

# K A U F M A N

PRODUCT  
INFORMATION

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## SureGrout 50

### Description

SureGrout 50 grout mix is a specially formulated mix of blended dry inorganic compounds, special cements, tough, high strength properly graded quartz aggregates, plus other proprietary ingredients. When combined with 50% by weight of nominal 3/8" pea gravel, and mixed with potable water, it produces a durable, low shrink concrete

### Uses

Ideal for areas where small quantities of concrete are needed, and use of ready-mix concrete is not available or too costly. Structural Columns & Decks, Foundation Underpinnings, Patching Holes & Cracked Sidewalks, Machinery Pads.

### Technical Data

#### Compressive Strength-Grout Mix (ASTM C-109)

1 day	5,800 psi.
3 days	6,700 psi.
7 days	8,200 psi.
28 days	8,800 psi.

#### Compressive Strength-Concrete Mix (ASTM C-39) 50% by weight nominal 3/8" pea gravel

1 day	2,500 psi.
3 days	6,000 psi.
7 days	6,600 psi.
28 days	8,100 psi.

#### Set Time (ASTM C-266)

Initial:	4 hours
Final:	5.5 hours

#### Set Time (ASTM C-191)

Initial:	4.5 hours
Final:	6.5 hours

### Directions

**Grout:** Blend one 50 lb. bag of SureGrout 50 with approximately ¾ gallons of potable water.

**Concrete** - Blend one 50 lb. bag of SureGrout 32 with approximately 25 pounds of nominal 3/8" pea gravel and ¾ gallons of potable water. Add additional water to bring to the desired consistency and place.

If adding additional water to achieve a specific consistency, then this will reduce the compressive strength of SureGrout 50. Likewise, less water added will increase the strength. Only use as much water as is necessary to place and finish the grout and or concrete mixes.

### Packaging/Yield

50 lb. moisture resistant, 4 ply bag with polyethylene liner. Each bag yields .45 ft<sup>3</sup>. Addition of 50% by weight of nominal 3/8" pea gravel will increase yield to approximately .60 ft<sup>3</sup> per bag.

### Pumping

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

### Shelf Life

One year in original, unopened bags

### Storage Conditions

Store dry at 40-95°F

### Color

Concrete Gray

### Working Time at 72°F

45 minutes

### Technical Information

Test results were achieved under laboratory conditions. Statistical variations will occur based upon mixing methods, temperature & humidity, test methodology, site conditions, curing conditions, application methods, and equipment.

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