

# ChemGrout®

"Equipment for Grouting Since 1969"

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## Material Testing Results

Date: August 25, 2000

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**Manufacturer:** Sika Corporation  
201 Polito Avenue  
Lyndhurst, NJ 07071

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**Material:** SikaGard 75 Epocem **Lot #** 062900-M

**Material Application:** 3 component Epoxy-cement resurfacing mortar

**Mfg. Plant:** Marion, OH **Std. Bag Weight:** 42 #

**Testing Conditions:** Outside Temperature: 81.8°F Humidity: 47%

**Equipment Used:** Model: CG570 Pump: 2TJ6 Progressing Cavity  
Mixer: Paddle Power: Hydraulic

**Std. Mix Ratios:** A+B+C ratio **Polymer Temp:** 80 °F

**Batching Method:** Quantity Material: 120 lbs. Quantity Polymer: 3 3/4 gal

**Mixing Time:** 20-30 Seconds **Batch Temp:** 85 °F

**Specific Gravity:** SG = N/A **Flow Cone** N/A Seconds

**Pumping Method:** Recirculated through hose, recorded pressures at various flow rates.

Flow Rate/Pressure:	Flow Rate	Pressure	Flow Rate	Pressure
Hose (12.5)	3.39 GPM	20 PSI	GPM	PSI
Hose ( )	5.91 GPM	40 PSI	GPM	PSI
Hose ( )	8.22 GPM	45 PSI	GPM	PSI
Hose ( )	10.21 GPM	50 PSI	GPM	PSI
Hose ( )	12.36 GPM	55 PSI	GPM	PSI
Hose ( )	14.46 GPM	55 PSI	GPM	PSI
Hose ( )	16.56 GPM	60 PSI	GPM	PSI
Hose ( )	18.92 GPM	60 PSI	GPM	PSI
Hose ( )	21.29 GPM	65 PSI	GPM	PSI
Hose ( )	23.65 GPM	65 PSI	GPM	PSI

**Observations:** Creamy product—45 minute set time at ambient temp  
Low discharge pressure, very easy to pump

**Results:** ChemGrout, Inc. rates the pumpability of this product as a "9" out of 10, with 10 being the easiest. ChemGrout, Inc. recommends the CG2J6 pump or higher.