

# 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:** SikaTop 126 Plus **Lot #** 041700-L

**Material Application:** Polymer modified, high build, non-sag mortar

**Mfg. Plant:** Lynhurst, NJ **Std. Bag Weight:** 53 #

**Testing Conditions:** Outside Temperature: 78.8°F Humidity: 49%

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

**Std. Mix Ratios:** 1 gal/bag **Polymer Temp:** 79.5-°F

**Batching Method:** Quantity Material: 157 lbs. Quantity Polymer: 3-gal

**Mixing Time:** 40-50 Seconds **Batch Temp:** 90 °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 (12.5ft)	3.44 GPM	100 PSI	GPM	PSI
Hose ( )	5.21 GPM	130 PSI	GPM	PSI
Hose ( )	7.04 GPM	160 PSI	GPM	PSI
Hose ( )	8.65 GPM	170 PSI	GPM	PSI
Hose ( )	10.8 GPM	200 PSI	GPM	PSI
Hose ( )	7.36 GPM	210 PSI	GPM	PSI
Hose ( )	14.78 GPM	240 PSI	GPM	PSI
Hose ( )	GPM	PSI	GPM	PSI
Hose ( )	GPM	PSI	GPM	PSI
Hose ( )	GPM	PSI	GPM	PSI

**Observations:** Polymer Mix—very thick—spray applied overhead—mix and pump OK  
High discharge pressures—stayed together well  
Do not exceed 50 ft of hose length

**Results:** ChemGrout, Inc. rates the pumpability of this product as a "6" out of 10, with 10 being the easiest. ChemGrout, Inc. recommends the CG2J6 pump or higher.