

# 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

**Contact:** Timothy R. Gillespie  
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**Material:** SikaTop Seal 107 **Lot #** 062000-M

**Material Application:** waterproofing, slurry coating--2 compound polymer modification  
cementation slightly flexible

**Mfg. Plant:** Marion, OH **Std. Bag Weight:** 35.5 #

**Testing Conditions:** Outside Temperature: 80.6°F Humidity: 52%

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

**Std. Mix Ratios:** 7/8-gal per bag **Polymer Temp:** 81.8 °F

**Batching Method:** Quantity Material: 106 lbs. Quantity Polymer: 21.9 lbs

**Mixing Time:** 40-50 Seconds **Batch Temp:** 84.5 °F

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

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

Flow Rate/Pressure:	Flow Rate	Pressure	Flow Rate	Pressure
Hose (25 ft)	3.6 GPM	100 PSI	GPM	PSI
Hose ( )	5.75 GPM	130 PSI	GPM	PSI
Hose ( )	7.74 GPM	160 PSI	GPM	PSI
Hose ( )	9.62 GPM	170 PSI	GPM	PSI
Hose ( )	11.61 GPM	190 PSI	GPM	PSI
Hose ( )	13.75 GPM	200 PSI	GPM	PSI
Hose ( )	15.86 GPM	210 PSI	GPM	PSI
Hose ( )	18.06 GPM	210 PSI	GPM	PSI
Hose ( )	20.48 GPM	220 PSI	GPM	PSI
Hose ( )	22.74 GPM	225 PSI	GPM	PSI

**Observations:** Creamy smooth product—Pumped & Mixed easy—high discharge  
Over 200 PSI—Max hose length: between 50-75 ft

**Results:** ChemGrout, Inc. rates the pumpability of this product as a "7" out of 10, with  
10 being the easiest. ChemGrout, Inc. recommends the CG2J6 pump or higher.