

# 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:** MonTop 615 **Lot #** N/A

**Material Application:** one component, polymer modified, non-sag mortar

**Mfg. Plant:** N/A **Std. Bag Weight:** 50 #

**Testing Conditions:** Outside Temperature: 84.2°F Humidity: 35%

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

**Std. Mix Ratios:** 3 1/2 quarts per bag **Water Temp:** 75.6 \*F

**Batching Method:** Quantity Material: 150 lbs. Quantity Water: 22 lbs

**Mixing Time:** 30-40 Seconds **Batch Temp:** 92.6 \*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)	3.66 GPM	85 PSI	GPM	PSI
Hose ( )	5.32 GPM	110 PSI	GPM	PSI
Hose ( )	7.42 GPM	120 PSI	GPM	PSI
Hose ( )	9.25 GPM	140 PSI	GPM	PSI
Hose ( )	11.29 GPM	150 PSI	GPM	PSI
Hose ( )	13.22 GPM	160 PSI	GPM	PSI
Hose ( )	15.32 GPM	170 PSI	GPM	PSI
Hose ( )	GPM	PSI	GPM	PSI
Hose ( )	GPM	PSI	GPM	PSI
Hose ( )	GPM	PSI	GPM	PSI

**Observations:** Very smooth looking material, mixed easy--large exothermic reaction material stopped pumping in hopper due to air bubble-high discharge

**Results:** ChemGrout, Inc. rates the pumpability of this product as a "6" out of 10, with 10 being the easiest. We recommend the 030 or CG2J6 pump or higher.