

ChemGrout®

"Equipment for Grouting Since 1969"

805 E. 31st Street, P.O. Box 1140

LaGrange Park, Illinois 60526

Phone: 708-354-7112 Fax: 708-354-3881

Material Testing Results

Date: Sept. 19, 2012

E-Mail: info@chemgrout.com

Web Site: www.chemgrout.com

Manufacturer: SpecChem, LLC
1619 Walnut Street
Kansas City, MO 64108

Contact: Michael LeMark
Phone: 866-791-8700
Fax:

Material: SC Multi Purpose Grout **Lot #** 09041217

Material Application: High Performace Multi-Purpose Non-Shrink Grout

Mfg. Plant: Kansas City, MO **Std. Bag Weight:** 50 #

Testing Conditions: Outside Temperature: 70.1°F Humidity: 31%

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

Std. Mix Ratios: 50 llbs. to 1 gallon **Water Temp:** 68 °F

Batching Method: Quantity Material: 150 lbs. Quantity Water: 25 lbs

Mixing Time: 180 Seconds **Batch Temp:** 69 °F

Specific Gravity: SG = 2.18 **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 (1 1/4" x 25')	5.5 GPM	2 PSI	GPM	PSI
Hose ()	11.5 GPM	10 PSI	GPM	PSI
Hose ()	13.2 GPM	20 PSI	GPM	PSI
Hose ()	16.7 GPM	25 PSI	GPM	PSI
Hose ()	17.7 GPM	28 PSI	GPM	PSI
Hose ()	21.3 GPM	40 PSI	GPM	PSI
Hose ()	24.2 GPM	50 PSI	GPM	PSI
Hose ()	26.0 GPM	52 PSI	GPM	PSI
Hose ()	GPM	PSI	GPM	PSI
Hose ()	GPM	PSI	GPM	PSI

Observations: Dark Gray color, smooth creamy looking, no lumps, some sand settling during washout. Pumped easy with low pressures. Estimate max hose length of 175 feet.

Results: ChemGrout, Inc. rates the pumpability of the product as a "8" out of 10. with 10 being the easiest. ChemGrout, Inc. recommends the CG050 pump or higher.