

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: September 11, 2001

E-Mail: info@chemgrout.com

Web Site: www.chemgrout.com

Manufacturer:	Tamms 3835 State Route 72 Kirkland, IL 60146	Contact:	Brad Nemunaitis	
		Phone:	800-862-2667	
		Fax:	815-522-2323	
Material:	Speed Crete PM	Lot #	146385	
Material Application:	Repair mortar, polymer modified, trowel and spray applied			
Mfg. Plant:	Kirkland, IL	Std. Bag Weight:	50 #	
Testing Conditions:	Outside Temperature: 75.3°F	Humidity:	49%	
Equipment Used:	Model: CG570 Mixer: Paddle	Pump:	2TJ6 Progressing Cavity	
		Power:	Hydraulic	
Std. Mix Ratios:	one 50 lb bag to 4.5 quarts water	Water Temp:	61 °F	
Batching Method:	Quantity Material: 150 lbs.	Quantity Water:	28 lbs	
Mixing Time:	30-40 Seconds	Batch Temp:	94 °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 (1 1/4" x 25')	2.20 GPM	75 PSI	GPM	PSI
Hose ()	4.41 GPM	90 PSI	GPM	PSI
Hose ()	6.67 GPM	100 PSI	GPM	PSI
Hose ()	8.71 GPM	112 PSI	GPM	PSI
Hose ()	11.13 GPM	120 PSI	GPM	PSI
Hose ()	13.01 GPM	120 PSI	GPM	PSI
Hose ()	15.27 GPM	125 PSI	GPM	PSI
Hose ()	GPM	PSI	GPM	PSI
Hose ()	GPM	PSI	GPM	PSI
Hose ()	GPM	PSI	GPM	PSI

Observations: Mixed quickly and easy, high discharge pressures, smooth looking batch sets quickly, fast exothermic reaction.
Estimate maximum pumping distance 50 feet at 10 GPM.

Results: ChemGrout, Inc. rates the pumpability of the product as a "5" out of 10, with 10 being the easiest. We recommend the 2C6 pump or higher.