

ChemGrout®

"Equipment for Grouting Since 1969"

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Material Testing Results

Date: Nov. 5, 2014

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Manufacturer:	ChemMasters 300 Edwards Street Madison, OH 44057	Contact:	John Fauth	
		Phone:	800-486-7866	
		Fax:	440-428-7091	
Material:	Level Top	Lot #	F424223	
Material Application:	Self Leveling Underlayment			
Mfg. Plant:	Madison, OH	Std. Bag Weight:	50 #	
Testing Conditions:	Outside Temperature: 65°F	Humidity:	44%	
Equipment Used:	Model: CG570 Mixer: Paddle	Pump:	2TJ6 Progressing Cavity	
		Power:	Hydraulic	
Std. Mix Ratios:	50 lbs bag to 5 qts water	Water Temp:	59 °F	
Batching Method:	Quantity Material: 150 lbs.	Quantity Water:	31.2 lbs	
Mixing Time:	180 Seconds	Batch Temp:	67 °F	
Specific Gravity:	SG = 2.10	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 50' Hose)	2.6 GPM	50 PSI	GPM	PSI
Hose ()	4.0 GPM	75 PSI	GPM	PSI
Hose ()	4.7 GPM	85 PSI	GPM	PSI
Hose ()	5.2 GPM	95 PSI	GPM	PSI
Hose ()	6.1 GPM	100 PSI	GPM	PSI
Hose ()	6.3 GPM	105 PSI	GPM	PSI
Hose ()	7.4 GPM	108 PSI	GPM	PSI
Hose ()	9.0 GPM	115 PSI	GPM	PSI
Hose ()	11.3 GPM	120 PSI	GPM	PSI
Hose ()	GPM	PSI	GPM	PSI

Observations: Dark Gray, smooth looking material. Mixed and pumped easy with low pumping pressure. Estimate max hose length of 200 feet

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