

ChemGrout®

"Equipment for Grouting Since 1969"

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Material Testing Results

Date: July, 27 2000

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Manufacturer:	C.G.M. Inc. 1463 Ford Road Bensalem, PA 19020	Contact:	Tony Brennan	
		Phone:	215-638-4400	
		Fax:	215-638-7949	
Material:	Pro S.L.U.	Lot #	TL215-6	
Material Application:	Self Leveling Underlayment			
Mfg. Plant:	Bensalem, PA	Std. Bag Weight:	50 #	
Testing Conditions:	Outside Temperature: 81.8°F	Humidity:	54%	
Equipment Used:	Model: CG570 Mixer: Paddle	Pump:	2TJ6 Progressing Cavity	
		Power:	Hydraulic	
Std. Mix Ratios:	6 quarts per 50 lb. bag	Water Temp:	73.2 *F	
Batching Method:	Quantity Material: 150 lbs.	Quantity Water:	37.5 lbs	
Mixing Time:	20-30 Seconds	Batch Temp:	77.2 *F	
Specific Gravity:	SG = 1.85	Flow Cone	26 Seconds	
Pumping Method:	Recirculated through hose, recorded pressures at various flow rates.			
Flow Rate/Pressure:	Flow Rate	Pressure	Flow Rate	Pressure
Hose (50" L x 1 1/4" I.D.)	3.3 GPM	0 PSI	GPM	PSI
Hose ()	5.6 GPM	5 PSI	GPM	PSI
Hose ()	8.0 GPM	10 PSI	GPM	PSI
Hose ()	9.9 GPM	10 PSI	GPM	PSI
Hose ()	12.3 GPM	10 PSI	GPM	PSI
Hose ()	14.3 GPM	15 PSI	GPM	PSI
Hose ()	16.5 GPM	20 PSI	GPM	PSI
Hose ()	18.7 GPM	20 PSI	GPM	PSI
Hose ()	21.0 GPM	20 PSI	GPM	PSI
Hose ()	23.5 GPM	20 PSI	GPM	PSI

Observations: Dark Gray, some 1/16" "White particals, sand seperated during washout
Mixed and pumped very easy, high mixer RPM's to break up lumps in batch.

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