

ChemGrout®

"Equipment for Grouting Since 1969"

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Material Testing Results

Date: Sept. 19, 2012

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Manufacturer:	SpecChem, LLC 1619 Walnut Street Kansas City, MO 64108	Contact:	Michael LeMark	
		Phone:	866-791-8700	
		Fax:		
Material:	RepCon V /O	Lot #	07271211	
Material Application:	Vertical & Overhead Spray Applied Repair Mortar			
Mfg. Plant:	Kansas City, MO	Std. Bag Weight:	50 #	
Testing Conditions:	Outside Temperature: 74.1*F	Humidity:	29%	
Equipment Used:	Model: CG570 Mixer: Paddle	Pump:	2TJ6 Progressing Cavity	
		Power:	Hydraulic	
Std. Mix Ratios:	50 lbs. to 6.75 pints	Water Temp:	71 *F	
Batching Method:	Quantity Material: 150 lbs.	Quantity Water:	21 lbs	
Mixing Time:	180 Seconds	Batch Temp:	78 *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')	5.3 GPM	300 PSI	GPM	PSI
Hose ()	7.6 GPM	340 PSI	GPM	PSI
Hose ()	9.8 GPM	400 PSI	GPM	PSI
Hose ()	11.6 GPM	420 PSI	GPM	PSI
Hose ()	GPM	PSI	GPM	PSI
Hose ()	GPM	PSI	GPM	PSI
Hose ()	GPM	PSI	GPM	PSI
Hose ()	GPM	PSI	GPM	PSI
Hose ()	GPM	PSI	GPM	PSI
Hose ()	GPM	PSI	GPM	PSI
Hose ()	GPM	PSI	GPM	PSI

Observations: Dark Gray color, gritty looking, some sand settling during washout
Pumped with very high pressures. Estimate max hose length
of 25 feet, with std C6 and 50 feet with C6 High Pressure.

Results: ChemGrout, Inc. rates the pumpability of the product as a "5" out of 10. with
10 being the easiest. ChemGrout, Inc. recommends the CG3C6 pump or higher.