

ChemGrout®

"Equipment for Grouting Since 1969"

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Material Testing Results

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Manufacturer:	Mac Products, Inc. 15841 Pines Blvd. #308 Pembroke Pines, FL 33027	Contact:	Scott O'Conner	
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Material:	MACBRIC-200	Lot #	N/A	
Material Application:	Repair Mortar - Flexible Acrylic Polymer modified Spray or Broom applied			
Mfg. Plant:	Pembroke Pines, FL	Std. Bag Weight:	50 #	
Testing Conditions:	Outside Temperature: 82°F	Humidity:	55%	
Equipment Used:	Model: CG570 Mixer: Paddle	Pump:	2TJ6 Progressing Cavity	
		Power:	Hydraulic	
Std. Mix Ratios :	50# bag + 4 qts polymer + 1 qt water	Water Temp:	68 °F	
Batching Method:	Quantity Material: 150 lbs.	Quantity Water:	12 qt poly+3 qt water lbs	
Mixing Time:	40 Seconds	Batch Temp:	85 °F	
Specific Gravity:	SG = 1.64	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 foot)	1.18 GPM	4 PSI	GPM	PSI
Hose ()	4.25 GPM	16 PSI	GPM	PSI
Hose ()	5.64 GPM	22 PSI	GPM	PSI
Hose ()	7.79 GPM	28 PSI	GPM	PSI
Hose ()	10.11 GPM	38 PSI	GPM	PSI
Hose ()	11.88 GPM	42 PSI	GPM	PSI
Hose ()	15.32 GPM	49 PSI	GPM	PSI
Hose ()	17.15 GPM	53 PSI	GPM	PSI
Hose ()	21.93 GPM	60 PSI	GPM	PSI
Hose ()	28.70 GPM	71 PSI	GPM	PSI

Observations: Relatively low discharge pressures, smooth creamy looking material, light grey color, mixed easy, separated slightly during washout. Estimate maximum distance of 150 feet

Results: ChemGrout, Inc. rates the pumpability of this product as a "7" out of 10, with 10 being the easiest. ChemGrout, Inc. recommends the 030 pump or higher.