

# ChemGrout®

"Equipment for Grouting Since 1969"

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## Material Testing Results

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<b>Manufacturer:</b>	ChemMasters 300 Edwards Street Madison, OH 44057	<b>Contact:</b>	John Fauth <b>Phone:</b> 800-486-7866 <b>Fax:</b> 440-428-7091	
<b>Material:</b>	ChemSpeed 75	<b>Lot #</b>	G424510	
<b>Material Application:</b>	Rapid Setting, Structural Repair Mortar			
<b>Mfg. Plant:</b>	Madison, OH	<b>Std. Bag Weight:</b>	50 #	
<b>Testing Conditions:</b>	Outside Temperature: 91°F	<b>Humidity:</b>	53%	
<b>Equipment Used:</b>	Model: CG570 Mixer: Paddle	<b>Pump:</b>	2TJ6 Progressing Cavity <b>Power:</b> Hydraulic	
<b>Std. Mix Ratios:</b>	50 lb. bag to 2.5 qts water	<b>Water Temp:</b>	75 °F	
<b>Batching Method:</b>	Quantity Material: 150 lbs.	<b>Quantity Water:</b>	15.6 lbs	
<b>Mixing Time:</b>	180 Seconds	<b>Batch Temp:</b>	83 °F	
<b>Specific Gravity:</b>	SG = 2.22	<b>Flow Cone</b>	N/A Seconds	
<b>Pumping Method:</b>	Recirculated through hose, recorded pressures at various flow rates.			
<b>Flow Rate/Pressure:</b>	Flow Rate	Pressure	Flow Rate	Pressure
Hose (1 1/4" x 50' Hose)	2.5 GPM	0 PSI	GPM	PSI
Hose ( )	4.7 GPM	20 PSI	GPM	PSI
Hose ( )	6.2 GPM	40 PSI	GPM	PSI
Hose ( )	8.8 GPM	60 PSI	GPM	PSI
Hose ( )	10.5 GPM	90 PSI	GPM	PSI
Hose ( )	11.9 GPM	100 PSI	GPM	PSI
Hose ( )	GPM	PSI	GPM	PSI
Hose ( )	GPM	PSI	GPM	PSI
Hose ( )	GPM	PSI	GPM	PSI
Hose ( )	GPM	PSI	GPM	PSI

**Observations:** Light Gray, smooth looking material. Mixed and pumped easy. Low pumping pressure, Max working time is 10 min at 75°F. Estimate max hose length of 75 feet.

**Results:** ChemGrout, Inc. rates the pumpability of this product as a "6" out of 10, with 10 being the easiest. ChemGrout, Inc. recommends the CG030 pump or higher.