

# ChemGrout®

"Equipment for Grouting Since 1969"

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## Material Testing Results

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<b>Manufacturer:</b>	CeraTech Inc. 1500 N. Beauregard St - Suite 320 Alexandria, VA 22311	<b>Contact:</b>	Peter Bruce	
		<b>Phone:</b>	703-894-1130	
		<b>Fax:</b>		
<b>Material:</b>	PaveMend 30.0	<b>Lot #</b>	3024	
<b>Material Application:</b>	Rapid Concrete Surface Repair Material			
<b>Mfg. Plant:</b>	Richmond, VA	<b>Std. Bag Weight:</b>	45 #	
<b>Testing Conditions:</b>	Outside Temperature: 2°F	<b>Humidity:</b>	18%	
<b>Equipment Used:</b>	Model: CG570 Mixer: Paddle	<b>Pump:</b>	2TJ6 Progressing Cavity	
		<b>Power:</b>	Hydraulic	
<b>Std. Mix Ratios :</b>	1 gal water per 45 lb pail	<b>Water Temp:</b>	55 *F	
<b>Batching Method:</b>	Quantity Material: 90 lbs.	<b>Quantity Water:</b>	16.6 lbs	
<b>Mixing Time:</b>	270 Seconds	<b>Batch Temp:</b>	70 *F	
<b>Specific Gravity:</b>	SG =	<b>Flow Cone</b>	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 12.5')	2.15 GPM	3 PSI	23.65 GPM	16 PSI
Hose ( )	4.30 GPM	4 PSI	25.80 GPM	18 PSI
Hose ( )	6.45 GPM	5 PSI	GPM	PSI
Hose ( )	8.60 GPM	7 PSI	GPM	PSI
Hose ( )	10.75 GPM	8 PSI	GPM	PSI
Hose ( )	12.90 GPM	9 PSI	GPM	PSI
Hose ( )	15.05 GPM	10 PSI	GPM	PSI
Hose ( )	17.20 GPM	12 PSI	GPM	PSI
Hose ( )	19.35 GPM	13 PSI	GPM	PSI
Hose ( )	21.50 GPM	14 PSI	GPM	PSI

**Observations:** Mixed easy, Mfg requires 2.5 minutes of mix time, recirculated with low pressure Black material floats on top, slightly gritty, dark grey batch, products stays fluid and pumpable for 30+ minutes is cool temperatures if keep pumping and mixing.

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