

# ChemGrout®

"Equipment for Grouting Since 1969"

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## Material Testing Results

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<b>Manufacturer:</b>	Crossfield Products Corp. 3000 E. Harcourt Street Rancho Dominguez, CA 90221	<b>Contact:</b>	Jim Oaks	
		<b>Phone:</b>	310-886-9100	
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<b>Material:</b>	Miracote RM Type II	<b>Lot #</b>	3265	
<b>Material Application:</b>	Repair Mortar Batch mixed with "Miracote Repair Mortar Type II Liquid"			
<b>Mfg. Plant:</b>	Rancho Dominguez, CA	<b>Std. Bag Weight:</b>	40 #	
<b>Testing Conditions:</b>	Outside Temperature: 84.9°F	<b>Humidity:</b>	56%	
<b>Equipment Used:</b>	Model: CG570 Mixer: Paddle	<b>Pump:</b>	2TJ6 Progressing Cavity	
		<b>Power:</b>	Hydraulic	
<b>Std. Mix Ratios:</b>	(1) 40 lb. bag to (1 ) gal. liquid	<b>Polymer Temp:</b>	84.7 *F	
<b>Batching Method:</b>	Quantity Material: 160 lbs.	<b>Quantity Water:</b>	34 lbs	
<b>Mixing Time:</b>	20-30 Seconds	<b>Batch Temp:</b>	89.5 *F	
<b>Specific Gravity:</b>	SG = 2.10	<b>Flow Cone</b>	85 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 (50" L x 1 1/4" I.D.)	4.1 GPM	15 PSI	GPM	PSI
Hose ( )	6.2 GPM	30 PSI	GPM	PSI
Hose ( )	8.3 GPM	40 PSI	GPM	PSI
Hose ( )	10.3 GPM	45 PSI	GPM	PSI
Hose ( )	12.4 GPM	50 PSI	GPM	PSI
Hose ( )	14.5 GPM	50 PSI	GPM	PSI
Hose ( )	16.5 GPM	52 PSI	GPM	PSI
Hose ( )	18.6 GPM	55 PSI	GPM	PSI
Hose ( )	20.6 GPM	60 PSI	GPM	PSI
Hose ( )	22.7 GPM	65 PSI	GPM	PSI

**Observations:** Mixed and pumped easy, sticky material, fast setting, hard to cleanup dark gray, smooth and creamy, trowelable, pumped at relatively high pressures estimate maximum pumping distance over 100 feet, longer if set time is retarded.

**Results:** ChemGrout, Inc. rate the pumpability of this product as a "6" out of 10, with 10 being the easiest. ChemGrout, Inc. recommends a CG2TJ6 pump or higher.