

# ChemGrout®

"Equipment for Grouting Since 1969"

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## Material Testing Results

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<b>Manufacturer:</b>	Fosroc Inc. (Mining Division) 150 Carley Court Georgetown, KY 40324	<b>Contact:</b>	Peter Mills	
		<b>Phone:</b>	502-863-6800	
		<b>Fax:</b>	502-863-6805	
<b>Material:</b>	Celroc P	<b>Lot #</b>	100H39	
<b>Material Application:</b>	Cable Grout for Post-Tensioning			
<b>Mfg. Plant</b>	N/A	<b>Std. Bag Weight:</b>	50 lbs.	
<b>Testing Conditions:</b>	Outside Temperature 81°F	<b>Humidity</b>	63%	
<b>Equipment Used:</b>	Model CG570/H Mixer Paddle	<b>Pump:</b>	2TJ6 Progressing Cavity	
		<b>Power:</b>	Hydraulic	
<b>Std. Mix Ratios:</b>	15 lbs. water per 50 lb. bag	<b>Mixing Water Temp:</b>	74 °F	
<b>Batching Method:</b>	Quantity Material: 150 lbs.	<b>Quantity Water:</b>	15 lbs	
<b>Mixing Time:</b>	20-30 Seconds	<b>Batch Temp:</b>	87 °F	
<b>Specific Gravity:</b>	SG = 1.89	<b>Flow Cone</b>	31 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.)	5.0 GPM	18.0 PSI	GPM	PSI
Hose (50' L x 1 1/4" I.D.)	10.0 GPM	21.0 PSI	GPM	PSI
Hose (50' L x 1 1/4" I.D.)	15.0 GPM	28.0 PSI	GPM	PSI
Hose (50' L x 1 1/4" I.D.)	20.0 GPM	36.0 PSI	GPM	PSI
Hose (100' L x 1 1/4" I.D.)	GPM	PSI	GPM	PSI
Hose (100' L x 1 1/4" I.D.)	GPM	PSI	GPM	PSI
Hose (100' L x 1 1/4" I.D.)	GPM	PSI	GPM	PSI
Hose (100' L x 1 1/4" I.D.)	GPM	PSI	GPM	PSI
<b>Observations:</b>	Very smooth, no large particles or aggregate, dark gray, easy to mix, looks thin			
<b>Results:</b>	ChemGrout rates the pumpability of this material as "excellent" with a rating of "A". All ChemGrout models can mixing and pump this material.			