

ChemGrout®

"Equipment for Grouting Since 1969"

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Material Testing Results

Date: Oct 12, 2020

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Manufacturer: Stone Edge Surfaces
4322 S. 80th Street
Mesa, AZ 85212

Contact: Bruce Grogg
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Material: Swiftset Self-Leveler

Lot # 031520

Material Application: Self Leveling Underlayment

Mfg. Plant: Mesa, AZ

Std. Bag Weight: 50 #

Testing Conditions: Outside Temperature: 66°F

Humidity: 84%

Equipment Used: Model: CG570
Mixer: Paddle

Pump: 2TJ6 Progressing Cavity
Power: Hydraulic

Std. Mix Ratios:

Water Temp: 68 °F

Batching Method: Quantity Material: 150 lbs.

Quantity Water: 37.55 lbs

Mixing Time: 180 Seconds

Batch Temp: 72.6 °F

Specific Gravity: SG = n/a

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 50')	3.50 GPM	0 PSI	GPM	PSI
Hose ()	6.56 GPM	0 PSI	GPM	PSI
Hose ()	9.43 GPM	0 PSI	GPM	PSI
Hose ()	12.74 GPM	2 PSI	GPM	PSI
Hose ()	16.13 GPM	4 PSI	GPM	PSI
Hose ()	19.08 GPM	6 PSI	GPM	PSI
Hose ()	22.31 GPM	10 PSI	GPM	PSI
Hose ()	GPM	PSI	GPM	PSI
Hose ()	GPM	PSI	GPM	PSI
Hose ()	GPM	PSI	GPM	PSI

Observations: Mixed & pumped with low hydraulic pressures, pump easy, very fluid, dark grey, smooth, creamy looking material. Easy clean-up. Estimate maximum pumping distance over 300 feet

Results: ChemGrout rates the pumpability of this product as a "9" out of 10, with 10 being the easiest. ChemGrout recommends the CG 050 pump or higher.