

ChemGrout®

"Equipment for Grouting Since 1969"

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Material Testing Results

Date: Oct 17, 2023

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Manufacturer: SpexCrete
29299 Clemens Rd #1-L
Westlake, OH 44145

Contact: David Schabel
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Material: SpexCrete 70 SLU A11 **Lot #** n/a

Material Application: Self Leveling Underlayment

Mfg. Plant: Westlake, OH **Std. Bag Weight:** 30 #

Testing Conditions: Outside Temperature: 47°F Humidity: 80%

Equipment Used: Model: CG570 Pump: 2TJ6 Progressing Cavity
Mixer: Paddle Power: Hydraulic

Std. Mix Ratios: **Water Temp:** 61.6 °F

Batching Method: Quantity Material: 90 lbs. Quantity Water: 31.2 lbs

Mixing Time: 300 Seconds **Batch Temp:** 65.8 °F

Specific Gravity: SG = 1.31 **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')	2.85 GPM	0 PSI	GPM	PSI
Hose ()	5.91 GPM	15 PSI	GPM	PSI
Hose ()	8.06 GPM	20 PSI	GPM	PSI
Hose ()	10.7 GPM	25 PSI	GPM	PSI
Hose ()	13.44 GPM	40 PSI	GPM	PSI
Hose ()	16.23 GPM	50 PSI	GPM	PSI
Hose ()	18.28 GPM	55 PSI	GPM	PSI
Hose ()	21.45 GPM	65 PSI	GPM	PSI
Hose ()	24.03 GPM	70 PSI	GPM	PSI
Hose ()	27.09 GPM	75 PSI	GPM	PSI

Observations: Light grey, smooth creamy looking material. Pumped easy with low hydraulic pressures. Mixing time a little longer because we held water out. Easy cleanup. Estimate maximum pumping distance over 200 feet

Results: ChemGrout rates the pumpability of this product as a "8" out of 10, with 10 being the easiest. ChemGrout recommends the CG 050 pump or higher.