

# ChemGrout®

"Equipment for Grouting Since 1969"

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## Material Testing Results

Date: Oct 12, 2020

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**Manufacturer:** Spex•Crete  
29299 Clemens Rd #1-L  
Westlake, OH 44145

**Material:** SpexCrete 400

**Material Application:** Lightweight Underlayment

**Mfg. Plant:** Westlake, OH

**Testing Conditions:** Outside Temperature: 66°F

**Equipment Used:** Model: CG570  
Mixer: Paddle

**Std. Mix Ratios:**

**Batching Method:** Quantity Material: 51 lbs.

**Mixing Time:** 240 Seconds

**Specific Gravity:** SG = n/a

**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')	3.44 GPM	2 PSI	GPM	PSI
Hose ( )	6.40 GPM	3 PSI	GPM	PSI
Hose ( )	9.57 GPM	4 PSI	GPM	PSI
Hose ( )	13.33 GPM	5 PSI	GPM	PSI
Hose ( )	15.86 GPM	6 PSI	GPM	PSI
Hose ( )	19.73 GPM	12 PSI	GPM	PSI
Hose ( )	25.02 GPM	20 PSI	GPM	PSI
Hose ( )	GPM	PSI	GPM	PSI

**Std. Bag Weight:** 50 #

Humidity: 84%

Pump: 2TJ6 Progressing Cavity  
Power: Hydraulic

**Water Temp:** 67 °F

Quantity Water: 22.24 lbs

**Batch Temp:** 74.6 °F

**Flow Cone** n/a Seconds

**Observations:** Mixed & pumped with low hydraulic pressures, pump really easy  
Small foam pellets ~2 mm, mixed in okay, floated during 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.