

ChemGrout®

"Equipment for Grouting Since 1969"

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Material Testing Results

Date: August 17, 2017

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Manufacturer: Euclid Chemical Co.
19218 Redwood Road
Cleveland, OH 44110

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Material: NS Grout **Lot #** 6324080

Material Application: Non-shrink, Non-staining, Non-metallic Grout

Mfg. Plant: Cleveland, OH **Std. Bag Weight:** 50 #

Testing Conditions: Outside Temperature: 73°F Humidity: 88%

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

Std. Mix Ratios: 50 bag with 1.0 gal. of water **Water Temp:** 76 °F

Batching Method: Quantity Material: 150 lbs. Quantity Water: 24.35 lbs

Mixing Time: 180 Seconds **Batch Temp:** 83 °F

Specific Gravity: SG = 2.02 **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')	3.4 GPM	20 PSI	GPM	PSI
Hose ()	5.7 GPM	40 PSI	GPM	PSI
Hose ()	6.6 GPM	40 PSI	GPM	PSI
Hose ()	8.2 GPM	50 PSI	GPM	PSI
Hose ()	9.3 GPM	60 PSI	GPM	PSI
Hose ()	10.3 GPM	60 PSI	GPM	PSI
Hose ()	11.4 GPM	80 PSI	GPM	PSI
Hose ()	GPM	PSI	GPM	PSI
Hose ()	GPM	PSI	GPM	PSI
Hose ()	GPM	PSI	GPM	PSI

Observations: Mixed quickly and easy, dark grey, smooth looking batch, pumped easy
Estimate pumping distance of 100 to 150 feet.

Results: ChemGrout, Inc. rates the pumpability of the product as a 7 out of 10, with 10 being the easiest. We recommend the C6 or higher pump.