

ChemGrout®

"Equipment for Grouting Since 1969"

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Material Testing Results

Date: April 14, 2009

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Manufacturer: Universal Building Products
840 S. 25th Ave
Bellwood, IL 60104

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Material: UNIFLOW

Lot # H07B4209

Material Application: Self-Leveling Underlayment

Mfg. Plant: Centralia, IL

Std. Bag Weight: 45lbs #

Testing Conditions: Outside Temperature: N/A*F

Humidity: 27%

Equipment Used: Model: CG570
Mixer: Paddle

Pump: 2TJ6 Progressing Cavity
Power: Hydraulic

Std. Mix Ratios: N/A

Water Temp: 55 *F

Batching Method: Quantity Material: 31 lbs.

Quantity Water: 135 lbs

Mixing Time: 150 Seconds

Batch Temp: 59.5 *F

Specific Gravity: SG = 2.04

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 25')	8.7 GPM	6 PSI	GPM	PSI
Hose ()	13.4 GPM	13 PSI	GPM	PSI
Hose ()	14.7 GPM	14 PSI	GPM	PSI
Hose ()	18.8 GPM	20 PSI	GPM	PSI
Hose ()	24.0 GPM	27 PSI	GPM	PSI
Hose ()	29.6 GPM	34 PSI	GPM	PSI
Hose ()	31.1 GPM	37 PSI	GPM	PSI
Hose ()	GPM	PSI	GPM	PSI
Hose ()	GPM	PSI	GPM	PSI
Hose ()	GPM	PSI	GPM	PSI

Observations: Smooth and creamy mix, Mixed easy, low hydraulic pressure needed to mix. Pumped and cleaned up easy, low hydraulic pressure to pump. ChemGrout estimates a maximum pumping distance of 250 feet.

Results: ChemGrout, Inc. rates the pumpability of this product as a "9" out of 10, with 10 being the easiest. ChemGrout recommends the CG2L3 pump of higher.