

ChemGrout®

"Equipment for Grouting Since 1969"

805 E. 31st Street, P.O. Box 1140

LaGrange Park, Illinois 60526

Phone: 708-354-7112 Fax: 708-354-3881

Material Testing Results

Date: April 14, 2009

E-Mail: info@chemgrout.com

Web Site: www.chemgrout.com

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

Contact: Marek Stano
Phone: 800-728-1958
Fax: 708-544-5965

Material: INTEGRATOP SL

Lot # Y39A4202

Material Application: Self-leveling wear topping

Mfg. Plant: Centralia, IL

Std. Bag Weight: 50lbs #

Testing Conditions: Outside Temperature: 65°F

Humidity: 27%

Equipment Used: Model: CG570
Mixer: Paddle

Pump: 2TJ6 Progressing Cavity
Power: Hydraulic

Std. Mix Ratios:

Water Temp: 50 °F

Batching Method: Quantity Material: 150 lbs.

Quantity Water: 31 lbs

Mixing Time: 180 Seconds

Batch Temp: 58 °F

Specific Gravity: SG = 1.90

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')	5.59 GPM	11 PSI	GPM	PSI
Hose ()	7.2 GPM	16 PSI	GPM	PSI
Hose ()	10.86 GPM	27 PSI	GPM	PSI
Hose ()	14.08 GPM	36 PSI	GPM	PSI
Hose ()	18.17 GPM	46 PSI	GPM	PSI
Hose ()	22.52 GPM	58 PSI	GPM	PSI
Hose ()	25.69 GPM	61 PSI	GPM	PSI
Hose ()	28.27 GPM	68 PSI	GPM	PSI
Hose ()	30.15 GPM	72 PSI	GPM	PSI
Hose ()	GPM	PSI	GPM	PSI

Observations: Mixed and cleaned easy with low hydraulic pressure, Smooth looking and Medium thickness, low hyd pressure to pump. ChemGrout estimates a maximum pumping distance of 200 feet.

Results: ChemGrout, Inc. rates the pumpability of this product as a "8" out of 10, with 10 being the easiest. ChemGrout, Inc. recommends the CG050 pump or higher.