

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: August 25, 2000

E-Mail: info@chemgrout.com

Web Site: www.chemgrout.com

Manufacturer: Sika Corporation
201 Polito Avenue
Lyndhurst, NJ 07071

Contact: Timothy R. Gillespie
Phone: 201-933-8800
Fax: 201-933-6225

Material: Sika Repair 222 Plus **Lot #** 072500-L

Material Application: Horizontal patching mortar

Mfg. Plant: Lynhurst, NJ **Std. Bag Weight:** 50 #

Testing Conditions: Outside Temperature: 79.1°F Humidity: 50%

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

Std. Mix Ratios: 3 quarts per bag **Water Temp:** 74.5 *F

Batching Method: Quantity Material: 150 lbs. Quantity Water: 18.8 lbs

Mixing Time: 40-50 Seconds **Batch Temp:** 90 *F

Specific Gravity: SG = N/A **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 (12.5ft)	3.12 GPM	30 PSI	GPM	PSI
Hose ()	5.21 GPM	40 PSI	GPM	PSI
Hose ()	7.15 GPM	50 PSI	GPM	PSI
Hose ()	8.98 GPM	60 PSI	GPM	PSI
Hose ()	11.07 GPM	70 PSI	GPM	PSI
Hose ()	13.01 GPM	75 PSI	GPM	PSI
Hose ()	15.16 GPM	80 PSI	GPM	PSI
Hose ()	16.99 GPM	90 PSI	GPM	PSI
Hose ()	19.78 GPM	95 PSI	GPM	PSI
Hose ()	22.15 GPM	100 PSI	GPM	PSI

Observations: Mixed easy--stayed together--rolled nice--pumped easy--clean easy
no separation--very fine
Max hose distance: 75 ft

Results: ChemGrout, Inc. rates the pumpability of this product as a "7" out of 10, with 10 being the easiest. We recommend the 2L4 or CG2J6 pump or higher.