

ChemGrout®

"Equipment for Grouting Since 1969"

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Material Testing Results

Date: 7/13/00

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Manufacturer: MAPEI
1851 NW 22nd Street
Fort Lauderdale, FL 33311

Contact: Kelly Page
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Material: Novo/Plan 6

Lot # L20A006

Material Application: Self-leveling - Normal set, Underlayment

Mfg. Plant: Not Available

Std. Bag Weight 55#

Environmental Conditions: Outside Temperature 79.5°F

Humidity 53%

Equipment Used: Model CG570
Mixer Paddle

Pump 2TJ6 Progressing Cavity
Power Hydraulic

Mixing Water Temp: 80.4 °F

Batching Method: Quantity Material 220 lbs.

Quantity Water 54 lbs

Mixing Time: 20-30 Seconds

Batch Temp: 87.6 °F

Specific Gravity: Material Weight 282 grams
Water Weight 140 grams

SG = 2.01

Flow Cone 1 minute and 42 Seconds

Sieve Analysis: Weight Retained (grams) No. 4 No. 50
No. 8 No. 100
No. 16 No. 200
No. 30 Pan

Pumping Method: Hose Dia. & Lengths used (one) 50' L x 1 1/4" I.D.
Recirculated through hose, recorded pressures at various flow rates.

Observations: Product looked smooth creamy, Batch mixed very fast, no separation observed, Although the product looked thin, the flow cone speed was more than double other MAPEI underlayment products.

Results: ChemGrout rates the pumpability of this product as "Excellent" with a rating of "A". All ChemGrout models can mix and pump this material.

Mapei Novo Plan 6