

ChemGrout®

"Equipment for Grouting Since 1969"

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Material Testing Results

Date: 10/31/00

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

Contact: Kelly Page
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Material: Novo/Plan 5

Lot # JO6F049

Material Application: Very versatile, Self-leveling, Polymer modified, High strength cement based underlayment and repair mix for interior floors

Mfg. Plant: Not Available

Std. Bag Weight 55#

Environmental Conditions: Outside Temperature 83.6°F

Humidity 51%

Equipment Used: Model CG570
Mixer Paddle

Pump 2TJ6 Progressing Cavity
Power Hydraulic

Mixing Water Temp: 77 °F

Batching Method: Quantity Material 165 lbs.

Quantity Water 41.3 lbs

Mixing Time: 30-40 Seconds

Batch Temp: 87.2 °F

Specific Gravity: Material Weight 271 grams
Water Weight 140 grams

SG = 1.94

Flow Cone 28 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: Mixed easy - dark looking mix
Smooth mix with some gritty particals
Clean up was very easy

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

Mapei Novo Plan 5