

# 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 1

**Lot #** L06F009

**Material Application:** Self-leveling, "Fast setting", Polymer modified, Underlayment

**Mfg. Plant:** Not Available

**Std. Bag Weight** 55#

**Environmental Conditions:** Outside Temperature 81.6°F

Humidity 56%

**Equipment Used:** Model CG570  
Mixer Paddle

Pump 2TJ6 Progressing Cavity  
Power Hydraulic

**Mixing Water Temp:** 80.6 °F

**Batching Method:** Quantity Material 165 lbs.

Quantity Water 43 lbs

**Mixing Time:** 30-40 Seconds

**Batch Temp:** 84.5 °F

**Specific Gravity:** Material Weight 263 grams  
Water Weight 140 grams

SG = 1.88

**Flow Cone** 44 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:** Very easy to mix and pump, smooth creamy looking product  
Clean-up was more difficult than other MAPEI underlayments

**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 1