

# 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:** Novotop "Gris Grey"

**Lot #** A31E072

**Material Application:** Self-leveling, Abrasion resistant, Concrete topping

**Mfg. Plant:** Not Available

**Std. Bag Weight** 50#

**Environmental Conditions:** Outside Temperature 82.5°F

Humidity 56%

**Equipment Used:** Model CG570  
Mixer Paddle

Pump 2TJ6 Progressing Cavity  
Power Hydraulic

**Mixing Water Temp:** 75 °F

**Batching Method:** Quantity Material 150 lbs.

Quantity Water 31.3 lbs

**Mixing Time:** 50-60 Seconds

**Batch Temp:** 95.7 °F

**Specific Gravity:** Material Weight 257 grams  
Water Weight 140 grams

SG = 1.84

**Flow Cone** 19 Seconds

**Sieve Analysis:** Weight Retained No. 4 No. 50  
(grams) 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:** Larger partical size than other MAPEI underlayments  
Very easy to pump  
Lumps hard to break up in mixer

**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 Novatop Gris Grey