

# 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:** Planiseal 88

**Lot #** AZ9C980

**Material Application:** One component, Polymer modified, Coating / Mortar for protection of concrete and masonry

**Mfg. Plant:** Not Available

**Std. Bag Weight** 55#

**Environmental Conditions:** Outside Temperature 84°F

Humidity 50%

**Equipment Used:** Model CG570  
Mixer Paddle

Pump 2TJ6 Progressing Cavity  
Power Hydraulic

**Mixing Water Temp:** 73.4 °F

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

Quantity Water 41.3 lbs

**Mixing Time:** 50-60 Seconds

**Batch Temp:** 88.4 °F

**Specific Gravity:** Material Weight 212 grams  
Water Weight 140 grams

SG = 1.51

**Flow Cone** N/A - too thick, would not flow 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:** Smooth creamy looking product, too thick to flow through flow cone, Pumped very easy considering how thick the product was, okay for spray applications, suprising low discharge pressures

**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 Planiseal 88