Material Testing Results

Date: December 16, 2004
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Manufacturer: Five Star Products, Inc.
Phone: 800-243-2206
Fax: 203-337-4029

Material: Five Star DP Epoxy "Pump Grade"
Lot #: A-7567622873

Material Application: Epoxy 3 part (resin, activator, aggregate) for machine bases

Mfg. Plant: Std. Bag Weight: A-20.9 B-6.3 C-200 #

Testing Conditions:
Outside Temperature: N/A°F
Humidity: N/A%

Equipment Used:
Model: CG570
Pump: 2TJ6 Progressing Cavity
Mixer: Paddle
Power: Hydraulic

Std. Mix Ratios:
A-20.9 lb  B-6.3 Lb C 150-200 lb

Water Temp: N/A °F

Batching Method:
Quantity Material: 2 units lbs.
Quantity Water: lbs

Mixing Time:
120 Seconds

Batch Temp: 72 °F

Specific Gravity:
SG = N/A

Flow Cone N/A Seconds

Pumping Method:
Recirculated through hose, recorded pressures at various flow rates.

Flow Rate/Pressure:

<table>
<thead>
<tr>
<th>Hose (1 1/4&quot; x 25' 3 bag sand)</th>
<th>Flow Rate</th>
<th>Pressure</th>
<th>Flow Rate</th>
<th>Pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.55 GPM</td>
<td>129 PSI</td>
<td>5.32 GPM</td>
<td>173 PSI</td>
<td></td>
</tr>
<tr>
<td>6.45 GPM</td>
<td>188 PSI</td>
<td>7.47 GPM</td>
<td>214 PSI</td>
<td></td>
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<tr>
<td>8.28 GPM</td>
<td>219 PSI</td>
<td>9.46 GPM</td>
<td>241 PSI</td>
<td></td>
</tr>
<tr>
<td>11.34 GPM</td>
<td>264 PSI</td>
<td>GPM</td>
<td>PSI</td>
<td></td>
</tr>
<tr>
<td>Hose (1 1/4&quot; x 25' 4 bag sand)</td>
<td>2.20 GPM</td>
<td>193 PSI</td>
<td>3.12 GPM</td>
<td>231 PSI</td>
</tr>
<tr>
<td>3.76 GPM</td>
<td>257 PSI</td>
<td>4.09 GPM</td>
<td>281 PSI</td>
<td></td>
</tr>
<tr>
<td>Hose (1 1/4&quot; x 12.5' 4 bag sand)</td>
<td>6.07 GPM</td>
<td>224 PSI</td>
<td>GPM</td>
<td>PSI</td>
</tr>
</tbody>
</table>

Observations:
Mixed easy, high discharge pressures, pumped with 150 lbs sand and 200 lbs, pumps better at warm temp, 75 to 80°F, sticky product, soap & water clean-up, estimate max hose length 37.5 feet

Results:
ChemGrout, Inc. rates the pumpability of this product as a "5" out of 10, with 10 being the easiest. ChemGrout recommends the CG3C6 pump or higher.

Five-Star-DP-Epoxy-PG