## Construction Grout & Precast

### Features:
- **Meets CRD-621 & ASTM 1107**
- **Vertical / Horizontal / Overhead**
- **Structural**
- **Rapid hardening**
- **Non-shrink**
- **Non-metallic**

### Placement:
- **Thickness**
  - 1” to 4” neat (25 mm to 102 mm)
  - 1” to 4” (25 mm to 102 mm)
  - 1/2” to 3” (13 mm to 76 mm)
  - 1/2” to 2” (13 mm to 51 mm)
  - Featheredge to 2” (51 mm)
  - Featheredge to 2” (51 mm)
- **Working time (minutes @ 70° F)**
  - 15 (fluid)
  - 30 (fluid)
  - 30 (plastic)
  - 20 to 30
  - 5 to 10
  - 30 to 45
- **Pumpable**

### Compressive Strength:
- **Plastic (1 day / 28 days)**
  - 6,000 / 9,500
  - 6,000 / 10,500
  - 2,700 / 7,250
  - N/A
  - N/A
  - N/A

- **Flowable (1 day / 28 days)**
  - 5,500 / 8,500
  - 5,500 / 10,000
  - N/A
  - N/A
  - N/A
  - N/A

- **Fluid (1 day / 28 days)**
  - 4,000 / 7,500
  - 4,000 / 9,000
  - N/A
  - 5,200 / 7,500
  - 1,400 / 6,300 / 8,500
  - 3,500 / 8,000

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## Concrete Repair

### Features:
- **Vertical / Horizontal / Overhead**
- **Wearing surface**
- **Structural**
- **Freeze / Thaw**
- **Resists deicing salts**
- **Shrinkage compensating**
- **Return to service**

### Special Additives:
- **Polymer-modified**
- **Corrosion inhibitor**
- **Fiber reinforced**

### Placement:
- **Thickness**
  - 1/2” to 8” (13 mm to 203 mm)
  - 1/2” to 8” (13 mm to 203 mm)
  - >2” (51 mm)
  - ≥1.5” (38 mm)
  - N/A
- **Working time (minutes @ 70° F)**
  - 15
  - 15
  - 60+
  - 60+
  - 1
- **Form / Pour**
  - Trowel
  - Trowel
  - Pump, Trowel
  - Pump, Trowel
  - Trowel

### Compressive Strength:
- **24 hours (psi)**
  - 4,830
  - 5,400
  - >2,000
  - >2,000
  - 2,800
- **28 days (psi)**
  - 9,270
  - 9,100
  - >6,000
  - >6,000
  - 6,650 (7 day)
Concrete Resurfacing & Rehabilitation

<table>
<thead>
<tr>
<th>Features:</th>
<th>Concrete Resurfacer</th>
<th>RubCrete</th>
<th>BlendCrete</th>
<th>Vinyl Concrete Patch</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vertical / Horizontal / Overhead</td>
<td>H</td>
<td>V / O</td>
<td>V / O</td>
<td>H</td>
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<tr>
<td>Wearing surface</td>
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<tr>
<td>Structural</td>
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<tr>
<td>Freeze / Thaw</td>
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<tr>
<td>Corrosion inhibitor</td>
<td></td>
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<tr>
<td>Coating resurface</td>
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<tr>
<td>Return to service</td>
<td>8 hrs</td>
<td>N/A</td>
<td>3 hrs</td>
<td>8 to 12 hrs</td>
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</tbody>
</table>

Special Additives:
- Polymer-modified

Placement:
- Thickness: Up to 1/2” (13 mm) Featheredge to 1/2” (13 mm) 1/4” to 2” (6 mm to 51 mm) 1/16” to 2” (2 mm to 51 mm)
- Working time (minutes @ 70° F): 20 - 30 25 - 35 15 20
- Application: Trowel / Squeegee Trowel / Brush / Rubber float Trowel Trowel

Compressive Strength:
- 24 Hours (psi): 2,400 N/A >4,000 >2,400
- 28 days (psi): 3,500 >5,500 >5,500

2. Use ProSpec® B-730 Mortar / Acrylic Additive for thickness of 1/4” to 1/2” (6 mm to 13 mm).
3. Vinyl Concrete Patch, applications from 1/16” to 1/4” (2 mm to 6 mm) requires the replacement of 1 qt of water with 1 qt of ProSpec® B-730 Mortar / Acrylic Additive.

Primers & Bonding Agent

<table>
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<tr>
<th>Features:</th>
<th>Level Set® Primer</th>
<th>B-730 Mortar / Acrylic Additive</th>
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</thead>
<tbody>
<tr>
<td>Re-emulsifiable</td>
<td>Yes (once)</td>
<td>No</td>
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<tr>
<td>% Solids by weight</td>
<td>48</td>
<td>26</td>
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<td>Fortifying cement additive</td>
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<tr>
<td>Bonding agent / Primer</td>
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<tr>
<td>Bonds to concrete / Wood</td>
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Placement:
- Thickness (wet mils): 2 to 6 N/A
- Working time (minutes @ 70° F): 20 - 30 N/A
- Application: Brush N/A

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