# AGGREGATE GROUTS

**USES**
- EG GROUT: High-Flow, Non-Shrink, Non-Cracking GROUT
- AGGREGATE CEMENT: Plausible Anchoring Cement

## BENEFITS
- Versatile: Applicable for plastic and fluid consistencies
- Workability: Meets standards throughout a wide range of consistencies
- Thixotropic: High flow restored by agitation
- Cost effective: Extendable
- Attains high compressive strength at specified water ratios
- Maximum, uniform bearing support
- Performance: Joins, supports and anchors
- Hardens free of bleeding or segregation

## STANDARDS
- ASTM C1107 CRD Cx21

## COMPRESSIVE STR.
- 2,000 psi (1 day)
- 3,000 psi (28 days)

## APPLICATION THICKNESS
- 1/8" to 1/2" Extended

## RATE OF SET
- Working: .45
- Initial: 1.05
- Final: 2.00

## CONSISTENCY
- Flowable

## COVERAGE/YIELD
- 14" 0.43 ft³

## NON-AGGREGATE GROUTS

**USES**
- NA GROUT: High Flow, Non-Shrink, Non-Aggregate, Non-Shrink PT GROUT
- RA-100: High Flow, Steel-Corr, Non-Aggregate, Non-Shrink PT GROUT

## BENEFITS
- Extreme fluidity: Can be pumped into areas that are virtually inaccessible with standard C1107 non-shrink grouts
- Work time: Extended for maximum pumping range
- Corrosion Protection: Encapsulates tendons, bolts or bars to protect from corrosion
- Sanded: Less than 2% bleed when tested at 30 psi per ASTM C1714 via PTI M55.1-12, Section 4.6.8.2

## STANDARDS
- ASTM C1107 CRD Cx21

## COMPRESSIVE STR.
- 4,000 psi (1 day)
- 6,000 psi (28 days)

## APPLICATION THICKNESS
- 1/8" to 1/2" Extended

## RATE OF SET
- Working: .15
- Initial: 1.05
- Final: 2.00

## CONSISTENCY
- Fluid

## COVERAGE/YIELD
- 0.53 ft³

---

**BENEFITS**
- Versatile: Suitable for plastic and fluid consistencies
- Workability: Meets standards throughout a wide range of consistencies
- Thixotropic: High flow restored by agitation
- Cost effective: Extendable
- Attains high compressive strength at specified water ratios
- Maximum, uniform bearing support
- Performance: Joins, supports and anchors
- Hardens free of bleeding or segregation

## STANDARDS
- ASTM C1107 CRD Cx21

## COMPRESSIVE STR.
- 2,000 psi (1 day)
- 3,000 psi (28 days)

## APPLICATION THICKNESS
- 1/8" to 1/2" Extended

## RATE OF SET
- Working: .15
- Initial: 1.05
- Final: 2.00

## CONSISTENCY
- Plastic - Fluid

## COVERAGE/YIELD
- 0.43 ft³

---

**USES**
- FS GROUT: High Flow, Fast Setting, Non-Shrink GROUT

## BENEFITS
- Versatile: Suitable for plastic and fluid consistencies
- Workability: Meets standards throughout a wide range of consistencies
- Thixotropic: High flow restored by agitation
- Cost effective: Extendable
- Attains high compressive strength at specified water ratios
- Maximum, uniform bearing support
- Performance: Joins, supports and anchors
- Hardens free of bleeding or segregation

## STANDARDS
- ASTM C1107 CRD Cx21

## COMPRESSIVE STR.
- 4,800 psi (1 day)
- 12,000 psi (28 days)

## APPLICATION THICKNESS
- 1/8" to 1/2" Extended

## RATE OF SET
- Working: .30
- Initial: 1.00
- Final: 2.00

## CONSISTENCY
- Fluid

## COVERAGE/YIELD
- 0.53 ft³

---

**USES**
- RA GROUT: High Flow, Fast Setting, Non-Shrink Anchoring GROUT

## BENEFITS
- Very high compressive strength with low water content
- Attains high compressive strength at specified water ratios
- Thixotropic: High flow restored by agitation
- Maximum, uniform bearing support
- Performance: Joins, supports and anchors
- Low temperature placement

## STANDARDS
- ASTM C1107 CRD Cx21

## COMPRESSIVE STR.
- 7,000 psi (1 day)
- 10,000 psi (28 days)

## APPLICATION THICKNESS
- NA

## RATE OF SET
- Working: 2.00
- Set: 8.00

## CONSISTENCY
- Flowable

## COVERAGE/YIELD
- 0.53 ft³

---

**USES**
- FS GROUT: High Flow, Fast Setting, Non-Shrink GROUT

## BENEFITS
- Versatile: Suitable for plastic and fluid consistencies
- Workability: Meets standards throughout a wide range of consistencies
- Thixotropic: High flow restored by agitation
- Cost effective: Extendable
- Attains high compressive strength at specified water ratios
- Maximum, uniform bearing support
- Performance: Joins, supports and anchors
- Hardens free of bleeding or segregation

## STANDARDS
- ASTM C1107 CRD Cx21

## COMPRESSIVE STR.
- 3,000 psi (1 day)
- 8,000 psi (28 days)

## APPLICATION THICKNESS
- NA

## RATE OF SET
- Working: .00
- Set: 1.00

## CONSISTENCY
- Fluid

## COVERAGE/YIELD
- 0.53 ft³

---

**USES**
- MP GROUT: High Strength, Non-Shrink, Non-Cracking GROUT

## BENEFITS
- Very high compressive strength with low water content
- Attains high compressive strength at specified water ratios
- Thixotropic: High flow restored by agitation
- Maximum, uniform bearing support
- Performance: Joins, supports and anchors
- Low temperature placement

## STANDARDS
- ASTM C1107 CRD Cx21

## COMPRESSIVE STR.
- 7,500 psi (28 days)

## APPLICATION THICKNESS
- 1/8" to 1/2" Extended

## RATE OF SET
- Working: .30
- Initial: 1.00
- Final: 2.00

## CONSISTENCY
- Flowable

## COVERAGE/YIELD
- 0.53 ft³

---

**USES**
- HE GROUT: High Flow, Fast Setting, Non-Shrink GROUT

## BENEFITS
- Very high compressive strength with low water content
- Attains high compressive strength at specified water ratios
- Thixotropic: High flow restored by agitation
- Maximum, uniform bearing support
- Performance: Joins, supports and anchors
- Low temperature placement

## STANDARDS
- ASTM C1107 CRD Cx21

## COMPRESSIVE STR.
- 12,000 psi (28 days)

## APPLICATION THICKNESS
- NA

## RATE OF SET
- Working: .00
- Set: 1.00

## CONSISTENCY
- Fluid

## COVERAGE/YIELD
- 0.53 ft³

---

**USES**
- EG GROUT: High-Flow, Non-Shrink, Non-Cracking GROUT

## BENEFITS
- Versatile: Suitable for plastic and fluid consistencies
- Workability: Meets standards throughout a wide range of consistencies
- Thixotropic: High flow restored by agitation
- Cost effective: Extendable
- Attains high compressive strength at specified water ratios
- Maximum, uniform bearing support
- Performance: Joins, supports and anchors
- Hardens free of bleeding or segregation

## STANDARDS
- ASTM C1107 CRD Cx21

## COMPRESSIVE STR.
- 2,000 psi (1 day)
- 3,000 psi (28 days)

## APPLICATION THICKNESS
- 1/8" to 1/2" Extended

## RATE OF SET
- Working: .45
- Initial: 1.05
- Final: 2.00

## CONSISTENCY
- Plastic - Fluid

## COVERAGE/YIELD
- 0.43 ft³

---

**USES**
- AGGREGATE CEMENT: Plausible Anchoring Cement

## BENEFITS
- Very high compressive strength with low water content
- Attains high compressive strength at specified water ratios
- Thixotropic: High flow restored by agitation
- Maximum, uniform bearing support
- Performance: Joins, supports and anchors
- Hardens free of bleeding or segregation

## STANDARDS
- ASTM C1107 CRD Cx21

## COMPRESSIVE STR.
- 7,000 psi (1 day)
- 10,000 psi (28 days)

## APPLICATION THICKNESS
- NA

## RATE OF SET
- Working: .00
- Set: 1.00

## CONSISTENCY
- Fluid

## COVERAGE/YIELD
- 0.53 ft³
<table>
<thead>
<tr>
<th>Restoration &amp; Repair Application Guide</th>
</tr>
</thead>
</table>

### HORIZONTAL SAWCUT

<table>
<thead>
<tr>
<th>SC CONCRETE</th>
<th>TRANSPATCH CONCRETE</th>
<th>TRANSPATCH EXT</th>
<th>STR MORTAR CI</th>
<th>H2</th>
<th>TP MORTAR</th>
<th>SLU</th>
<th>FLOW TOP HD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Uses: SC Concrete is ideal for a wide variety of concrete repairs:</td>
<td>Uses: Transpatch Concrete is ideal for a wide variety of concrete repairs:</td>
<td>Uses: Transpatch EXT is ideal for a wide variety of concrete repairs:</td>
<td>Uses: STR Mortar CI is ideal for a wide variety of concrete repairs:</td>
<td>Uses: H2 is ideal for a wide variety of concrete repairs:</td>
<td>Uses: TP Mortar is ideal for a wide variety of concrete repairs:</td>
<td>Uses: SLU is ideal for creating a level surface in interior applications:</td>
<td>Uses: Flow Top HD is ideal for applying over the surface of existing interior concrete to produce a new wearing surface:</td>
</tr>
<tr>
<td>Highways</td>
<td>Highways</td>
<td>Highways</td>
<td>Highways</td>
<td>Highways</td>
<td>Highways</td>
<td>Highways</td>
<td>Highways</td>
</tr>
<tr>
<td>Bridge decks</td>
<td>Bridge decks</td>
<td>Bridge decks</td>
<td>Bridge decks</td>
<td>Bridge decks</td>
<td>Bridge decks</td>
<td>Bridge decks</td>
<td>Bridge decks</td>
</tr>
<tr>
<td>Pavements</td>
<td>Pavements</td>
<td>Pavements</td>
<td>Pavements</td>
<td>Pavements</td>
<td>Pavements</td>
<td>Pavements</td>
<td>Pavements</td>
</tr>
<tr>
<td>Airport runways</td>
<td>Airport runways</td>
<td>Airport runways</td>
<td>Airport runways</td>
<td>Airport runways</td>
<td>Airport runways</td>
<td>Airport runways</td>
<td>Airport runways</td>
</tr>
<tr>
<td>Warehouses</td>
<td>Warehouses</td>
<td>Warehouses</td>
<td>Warehouses</td>
<td>Warehouses</td>
<td>Warehouses</td>
<td>Warehouses</td>
<td>Warehouses</td>
</tr>
<tr>
<td>Industrial plants</td>
<td>Industrial plants</td>
<td>Industrial plants</td>
<td>Industrial plants</td>
<td>Industrial plants</td>
<td>Industrial plants</td>
<td>Industrial plants</td>
<td>Industrial plants</td>
</tr>
</tbody>
</table>

### BENEFITS

- Resistant: Withstands freeze/thaw cycles and corrosive elements
- Rapid Set: High early strength, open to traffic in as little as 1 hour
- Performance: Excellent compressive strengths
- Thermal expansion similar to concrete

### BENEFITS

- Resistant: Withstands freeze/thaw cycles and corrosive elements
- Workability: Extended working time, excellent flow
- Performance: Excellent high early compressive, bond and flexural strengths
- Thermal expansion similar to concrete

### BENEFITS

- Resistant: Withstands freeze/thaw cycles and corrosive elements
- Workability: Extended working time, excellent flow
- Performance: Excellent high early compressive, bond and flexural strengths
- Non-Corrosive: Will not rust

### BENEFITS

- Resistant: Withstands freeze/thaw cycles and corrosive elements
- Workability: Extended working time, excellent flow
- Performance: Excellent high early compressive, bond and flexural strengths
- Non-Corrosive: Will not rust

### BENEFITS

- Resistant: Withstands freeze/thaw cycles and corrosive elements
- Workability: Extended working time, excellent flow
- Performance: Excellent high early compressive, bond and flexural strengths
- Non-Corrosive: Will not rust

### BENEFITS

- Thermal expansion similar to concrete
- Open to foot traffic in 4 hours and pneumatic tire in 12 hours
- Color: Consistent color match for concrete
- High bond, compressive strengths
- Interior and exterior applications

### BENEFITS

- Thermal expansion similar to concrete
- Open to foot traffic in 4 hours and pneumatic tire in 12 hours
- Color: Consistent color match for concrete
- High bond, compressive strengths
- Interior and exterior applications

### BENEFITS

- Thermal expansion similar to concrete
- Open to foot traffic in 4 hours and pneumatic tire in 12 hours
- Color: Consistent color match for concrete
- High bond, compressive strengths
- Interior and exterior applications

### BENEFITS

- Thermal expansion similar to concrete
- Open to foot traffic in 4 hours and pneumatic tire in 12 hours
- Color: Consistent color match for concrete
- High bond, compressive strengths
- Interior and exterior applications

### BENEFITS

- Thermal expansion similar to concrete
- Open to foot traffic in 4 hours and pneumatic tire in 12 hours
- Color: Consistent color match for concrete
- High bond, compressive strengths
- Interior and exterior applications

### BENEFITS

- Thermal expansion similar to concrete
- Open to foot traffic in 4 hours and pneumatic tire in 12 hours
- Color: Consistent color match for concrete
- High bond, compressive strengths
- Interior and exterior applications

### STANDARDS

- ASTM C692 R3
- ASTM C692 R3
- ASTM C692 R2
- NA
- NA
- NA
- NA

<table>
<thead>
<tr>
<th>COMPRESSIVE STR.</th>
<th>COMPRESSIVE STR.</th>
<th>COMPRESSIVE STR.</th>
<th>COMPRESSIVE STR.</th>
<th>COMPRESSIVE STR.</th>
<th>COMPRESSIVE STR.</th>
<th>COMPRESSIVE STR.</th>
<th>COMPRESSIVE STR.</th>
</tr>
</thead>
<tbody>
<tr>
<td>3,000 psi (3 hr)</td>
<td>3,000 psi (3 hr)</td>
<td>3,000 psi (3 hr)</td>
<td>2,500 psi (3 hr)</td>
<td>2,000 psi (1 day)</td>
<td>2,000 psi (1 day)</td>
<td>2,000 psi (1 day)</td>
<td>2,000 psi (4 hr)</td>
</tr>
<tr>
<td>5,000 psi (28 day)</td>
<td>6,000 psi (28 day)</td>
<td>6,000 psi (28 day)</td>
<td>9,000 psi (28 day)</td>
<td>5,000 psi (28 day)</td>
<td>6,000 psi (28 day)</td>
<td>6,000 psi (28 day)</td>
<td>5,000 psi (28 day)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>APPLICATION THICKNESS</th>
<th>APPLICATION THICKNESS</th>
<th>APPLICATION THICKNESS</th>
<th>APPLICATION THICKNESS</th>
<th>APPLICATION THICKNESS</th>
<th>APPLICATION THICKNESS</th>
<th>APPLICATION THICKNESS</th>
<th>APPLICATION THICKNESS</th>
</tr>
</thead>
<tbody>
<tr>
<td>1&quot; - 8&quot;</td>
<td>Featheredge - 3&quot;</td>
<td>Featheredge - 1&quot;</td>
<td>Featheredge - 1&quot;</td>
<td>Featheredge - 1&quot;</td>
<td>Featheredge - 1&quot;</td>
<td>Featheredge - 1&quot;</td>
<td>Featheredge - 12&quot;</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>RATE OF SET</th>
<th>RATE OF SET</th>
<th>RATE OF SET</th>
<th>RATE OF SET</th>
<th>RATE OF SET</th>
<th>RATE OF SET</th>
<th>RATE OF SET</th>
<th>RATE OF SET</th>
</tr>
</thead>
<tbody>
<tr>
<td>Initial :20</td>
<td>Initial :40</td>
<td>Initial :65</td>
<td>Initial :90</td>
<td>Initial :120</td>
<td>Initial :120</td>
<td>Initial :120</td>
<td>Initial :120</td>
</tr>
<tr>
<td>Final :20</td>
<td>Final :40</td>
<td>Final :65</td>
<td>Final :90</td>
<td>Final :120</td>
<td>Final :120</td>
<td>Final :120</td>
<td>Final :120</td>
</tr>
<tr>
<td>Final :30</td>
<td>Final :40</td>
<td>Final :65</td>
<td>Final :90</td>
<td>Final :120</td>
<td>Final :120</td>
<td>Final :120</td>
<td>Final :120</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>COVERAGE/YIELD</th>
<th>COVERAGE/YIELD</th>
<th>COVERAGE/YIELD</th>
<th>COVERAGE/YIELD</th>
<th>COVERAGE/YIELD</th>
<th>COVERAGE/YIELD</th>
<th>COVERAGE/YIELD</th>
<th>COVERAGE/YIELD</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.50 ft³</td>
<td>0.50 ft³</td>
<td>0.43 ft³</td>
<td>0.43 ft³</td>
<td>0.43 ft³</td>
<td>0.43 ft³</td>
<td>0.43 ft³</td>
<td>0.43 ft³</td>
</tr>
</tbody>
</table>

### USES

- Resistant: Withstands freeze/thaw cycles and corrosive elements
- Thermal expansion similar to concrete
- Durable: Contains no gypsum
- Color: Excellent base color to receive stain
- Versatile: Rehabilitation, repairs, resurfacing
- Adhesion: Polymer modified for increased adhesion to concrete surfaces

### USES

- Resistant: Withstands freeze/thaw cycles and corrosive elements
- Thermal expansion similar to concrete
- Durable: Contains no gypsum
- Color: Excellent base color to receive stain
- Versatile: Rehabilitation, repairs, resurfacing
- Adhesion: Polymer modified for increased adhesion to concrete surfaces

### USES

- Resistant: Withstands freeze/thaw cycles and corrosive elements
- Thermal expansion similar to concrete
- Durable: Contains no gypsum
- Color: Excellent base color to receive stain
- Versatile: Rehabilitation, repairs, resurfacing
- Adhesion: Polymer modified for increased adhesion to concrete surfaces
## VERTICAL RESURFACING

### Voids & Defects

### 3-2-1
- **Uses:**
  - Repairing concrete, brick, block, stone and other masonry above or below grade
  - Interior and exterior applications such as beams, tunnel, pool, manholes, reservoirs, pipe, troughs, walls, etc.

### Aquacoat
- **Uses:**
  - Protecting concrete, brick, block, stone and other masonry above or below grade
  - Interior and exterior applications such as beams, tunnels, pools, manholes, reservoirs, pipes, troughs, walls, etc.

### Liso
- **Uses:**
  - Repairing concrete, brick, block, stone and other masonry above or below grade
  - Interior and exterior applications such as beams, tunnel, pool, manholes, reservoirs, pipe, troughs, walls, etc.

## BENEFITS

- **Durable:** Provides lifetime repairs
- **Color:** Consistent color match for concrete
- **Resistant:** Withstands freeze/thaw cycles
- **Versatile:** Accepts a wide range of architectural and textured coatings
- **Self-Curing:** Paint or seal as soon as dry

## STANDARDS

<table>
<thead>
<tr>
<th>Compressive Str.</th>
<th>NA</th>
<th>1,000 psi (1 day)</th>
<th>1,000 psi (28 days)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Application Thickness</td>
<td>1/8&quot; - 1/2&quot;</td>
<td>Featherside: 1/8&quot; - 1/2&quot;</td>
<td></td>
</tr>
<tr>
<td>Rate of Set</td>
<td>Working: 1:10</td>
<td>Initial: 1:00</td>
<td>Final: 0.75</td>
</tr>
<tr>
<td>Coverage/Yield</td>
<td>0.43 ft²</td>
<td>0.43 ft²</td>
<td></td>
</tr>
</tbody>
</table>

## Restoration & Repair Application Guide

### Aquacoat
- **Features:**
  - Resistant: Withstands corrosive deicing salts and freeze/thaw cycles
  - Color: Consistent color match for masonry, plaster, sheetrock or wood
  - Durable: Provides lifetime repairs

### Liso
- **Features:**
  - Resistant: Withstands freeze/thaw cycles
  - Color: Consistent color match for masonry, plaster, sheetrock or wood
  - Durable: Provides lifetime repairs

### Hydraulich Cement
- **Features:**
  - Resistant: Withstands freeze/thaw cycles
  - Color: Consistent color match for masonry, plaster, sheetrock or wood
  - Durable: Provides lifetime repairs

### MS Gunique
- **Features:**
  - Resistant: Withstands freeze/thaw cycles
  - Color: Consistent color match for masonry, plaster, sheetrock or wood
  - Durable: Provides lifetime repairs

### Quickset
- **Features:**
  - Resistant: Withstands freeze/thaw cycles
  - Color: Consistent color match for masonry, plaster, sheetrock or wood
  - Durable: Provides lifetime repairs

### V/O Patch CI
- **Features:**
  - Resistant: Withstands freeze/thaw cycles
  - Color: Consistent color match for masonry, plaster, sheetrock or wood
  - Durable: Provides lifetime repairs

## Coverage/Yield

| **3-2-1** | 0.43 ft² |
| **Aquacoat** | 0.43 ft² |
| **Liso** | 0.43 ft² |
| **Hydraulich Cement** | 0.43 ft² |
| **MS Gunique** | 0.43 ft² |
| **Quickset** | 0.43 ft² |
| **V/O Patch CI** | 0.43 ft² |
## Concrete Sealing & Floor Treatments Application Guide

### WATER BASED CURES & SEALERS

<table>
<thead>
<tr>
<th>HYDRASHEEN</th>
<th>HYDRASHEEN 30%</th>
<th>ROCA 1315</th>
<th>PERMALITH</th>
<th>PERMASIL</th>
<th>PWR</th>
<th>CS-25-1315</th>
<th>BRS-25</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water-Based Acrylic Cure and Seal</td>
<td>Water-Based, Natural Finish, Anti-Blushing Cure and Seal</td>
<td>Water-Based, Chemical Hardener and Dustproofer</td>
<td>Water-Based, Chemical Hardener and Dustproofer</td>
<td>Penetrating Water-Based Silane/Siloxane Water Repellant</td>
<td>Water-Based, Hardener and Densifier</td>
<td>CS-25-1315 UV Stable, Exempt Solvent-Based Acrylic Cure &amp; Seal (25% Solids)</td>
<td>High Gloss, Exempt Solvent-Based Acrylic Cure &amp; Seal (25% Solids)</td>
</tr>
<tr>
<td><strong>USES</strong></td>
<td>Hydrasheen is ideal for curing and sealing applications:</td>
<td>RoCa 1315 is ideal for curing and sealing applications:</td>
<td></td>
<td></td>
<td></td>
<td>CS-25-1315 is ideal for curing and sealing applications:</td>
<td>BRS-25 is ideal for curing and sealing applications:</td>
</tr>
<tr>
<td></td>
<td>• Walls</td>
<td>• Concrete</td>
<td>• Masonry</td>
<td>• Masonry</td>
<td>• Stucco</td>
<td>• Birch</td>
<td>• Exposed Aggregate &lt;br&gt; • Exposed Aggregate &lt;br&gt; • Precast, Shotcrete</td>
</tr>
<tr>
<td></td>
<td>• Commercial floors</td>
<td>• Masonry</td>
<td>• Stone</td>
<td>• Masonry</td>
<td>• Stucco</td>
<td>• Concrete</td>
<td>• Mortar, stone and rock face</td>
</tr>
<tr>
<td></td>
<td>• Basements</td>
<td>• Basements</td>
<td>• Brick</td>
<td>• Concrete</td>
<td>• Natural Sandstone</td>
<td>• Basements</td>
<td>• Decorative concrete</td>
</tr>
<tr>
<td></td>
<td>• Garages</td>
<td>• Basements</td>
<td>• Garages</td>
<td>• Basements</td>
<td>• Basements</td>
<td>• Garages</td>
<td>• Tilt-up</td>
</tr>
<tr>
<td></td>
<td>• Hospitals</td>
<td>• Parking decks</td>
<td>• Hospitals</td>
<td>• Parking decks</td>
<td>• Parking decks</td>
<td>• Parking decks</td>
<td>• Parking decks</td>
</tr>
<tr>
<td></td>
<td>• Industrial floors</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Pavements</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Parking decks</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>BENEFITS</strong></td>
<td><strong>BENEFITS</strong></td>
<td><strong>BENEFITS</strong></td>
<td><strong>BENEFITS</strong></td>
<td><strong>BENEFITS</strong></td>
<td><strong>BENEFITS</strong></td>
<td><strong>BENEFITS</strong></td>
<td><strong>BENEFITS</strong></td>
</tr>
<tr>
<td></td>
<td>• Contributes to LEED EQ Credit 4.2</td>
<td>• Contributes to LEED EQ Credit 4.2</td>
<td>• Contributes to LEED EQ Credit 4.2</td>
<td>• Contributes to LEED EQ Credit 4.2</td>
<td>• Penetration: Deep depth of diffusion</td>
<td>• Exempt Solvent-Based: Non-freezable</td>
<td>• Exempt Solvent-Based: Non-freezable</td>
</tr>
<tr>
<td></td>
<td>• Water-Based: Low odor</td>
<td>• Water-Based: Low odor</td>
<td>• Water-Based: Low odor</td>
<td>• Water-Based: Low odor</td>
<td>• Resistant: Greatly improves resistance to moisture, deicing salts, chemical attack</td>
<td>• Ultra-Violet Stable: Non-yellowing</td>
<td>• Ultra-Violet Stable: Non-yellowing</td>
</tr>
<tr>
<td></td>
<td>• Anti-Blushing Performance</td>
<td>• Fast Drying</td>
<td>• Ultra-Violet Stable: Non-yellowing</td>
<td>• Non-freezable</td>
<td>• Performance: Rapid development of water repellency</td>
<td>• Minimizes thermal cracking, dusting and defects</td>
<td>• Resists mildew and surface staining</td>
</tr>
<tr>
<td></td>
<td>• Fast Drying</td>
<td>• Non-freezable</td>
<td>• Eliminates need for future waxing</td>
<td>• Non-freezable</td>
<td>• Bond: Provides good adhesion for paints</td>
<td>• Performance: Produces hard, dense concrete</td>
<td>• Inhibits efflorescence</td>
</tr>
<tr>
<td></td>
<td>• Minimizes thermal cracking, dusting and defects</td>
<td>• Can act to enhance concrete hydration without forming a membrane on the surface</td>
<td>• Can act to enhance concrete hydration without forming a membrane on the surface</td>
<td>• Performance: Can act to enhance concrete hydration without forming a membrane on the surface</td>
<td>• Performance: Can act to enhance concrete hydration without forming a membrane on the surface</td>
<td>• Strength: Increases compressive and tensile strength compared to untreated concrete</td>
<td>• Inhibits attack by airborne contaminants</td>
</tr>
<tr>
<td></td>
<td>• Performance: Produces hard, dense concrete</td>
<td>• Performance: Hardens and dustproofs</td>
<td>• Non-freezable</td>
<td>• Performance: Does not affect chemical attack or de-icing salts</td>
<td>• Non-freezable</td>
<td>• Non-freezable</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Strength: Increases compressive and tensile strength compared to untreated concrete</td>
<td>• Resistant: Improved resistance to attack from chemical oils and de-icing salts</td>
<td>• Non-freezable</td>
<td>• Non-freezable</td>
<td>• Non-freezable</td>
<td>• Non-freezable</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>• Non-staining: Will not discolor concrete</td>
<td>• Non-staining: Will not discolor concrete</td>
<td>• Non-staining: Will not discolor concrete</td>
<td>• Non-staining: Will not discolor concrete</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>• Pre-Blended: Ready to use</td>
<td>• Pre-Blended: Ready to use</td>
<td>• Pre-Blended: Ready to use</td>
<td>• Pre-Blended: Ready to use</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>• Efficient: Easy application and clean-up</td>
<td>• Efficient: Easy application and clean-up</td>
<td>• Efficient: Easy application and clean-up</td>
<td>• Efficient: Easy application and clean-up</td>
<td></td>
</tr>
</tbody>
</table>

### Standards

- **Hydrasheen**: ASTM C309 Type 1, Class A and B
- **Hydrasheen 30%**: ASTM C309 Type 1, Class A and B; ASTM C1315 Type 1, Class A
- **Roca 1315**: NA
- **Permashield**: NA
- **PWR**: ASTM C309 Type 1, Class A and B; ASTM C1315 Type 1, Class A
- **CS-25-1315**: NA
- **BRS-25**: ASTM C309 Type 1, Class A and B; ASTM C1315 Type 1, Class A

### Coverage

- **Curing**: 200–300 lb/gal
- **Sealing**: 200–400 lb/gal

### VOC

- <100 g/L
- <10 g/L
- <350 g/L
- <350 g/L

### Dry Time

- 2-3 hrs at 70°F
- 1 hr at 70°F
- 1 hr at 70°F
- 1 hr at 70°F

### Appearance

- Low Gloss
- Medium Gloss
- Natural Finish
- Non-Film Forming
- Non-Film Forming
- Non-Film Forming
- High Gloss
# Concrete Curing Application Guide

## Clear Cures

### Maxcure Resin Clear 1-D
- **Uses**: Curing horizontal and vertical concrete surfaces.
- **Benefits**:
  - Water-based, low odor
  - Clean-up with water
  - Approved by many state DOTs
  - Minimizes thermal cracking, dusting and defects
  - Supplementary hardener, dense concrete
  - Strength: Increases compressive and tensile strength over untreated concrete
  - Will not permanently discolor colored concrete

### Maxcure Wax White 1-D
- **Uses**: Curing concrete that will be exposed to the sun.
- **Benefits**:
  - Water-based, based on a VOC-related mono-emulsion
  - Clean-up with water
  - Approved by many state DOTs
  - Minimizes thermal cracking, dusting and defects
  - Supplementary hardener, dense concrete
  - Strength: Increases compressive and tensile strength over untreated concrete
  - Will not permanently discolor colored concrete

### Pams 701 White
- **Uses**: Curing concrete that will be exposed to the sun.
- **Benefits**: Water-based, low odor
- **Standards**: AASHTO M148
- **Coverage**: Approx 200 ft²/gal
- **VOC**: NA
- **Dry Time**: 2 hrs at 70°F
- **Appearance**: Clear

## White Pigmented Cures

### Maxcure Resin White
- **Uses**: Curing concrete that will be exposed to the sun.
- **Benefits**: Water-based, dissipating resin
- **Standards**: AASHTO M148
- **Coverage**: Approx 200 ft²/gal
- **VOC**: <100 g/L
- **Dry Time**: 2 hrs at 70°F
- **Appearance**: White

### Maxcure Wax White
- **Uses**: Curing concrete that will be exposed to the sun.
- **Benefits**: Water-based, based on a VOC-related mono-emulsion
- **Standards**: AASHTO M148
- **Coverage**: Approx 200 ft²/gal
- **VOC**: NA
- **Dry Time**: 2 hrs at 70°F
- **Appearance**: White

### Pams 701 White
- **Uses**: Curing concrete that will be exposed to the sun.
- **Benefits**: Water-based, low odor
- **Standards**: AASHTO M148
- **Coverage**: Approx 200 ft²/gal
- **VOC**: NA
- **Dry Time**: 2 hrs at 70°F
- **Appearance**: White

## Miscellaneous

### Monofilm ER
- **Uses**: Evaporation control, monomolecular film
- **Benefits**: Reduces surface moisture loss to improve concrete quality during high wind, low humidity, direct sunlight and heated indoor conditions.
- **Standards**: NA
- **Coverage**: Concentrated: 200-400 ft² Diluted: 2,000-4,000 ft²
- **VOC**: NA
- **Dry Time**: NA
- **Appearance**: Clear
<table>
<thead>
<tr>
<th><strong>BONDING AGENTS &amp; ADМИXTURES</strong></th>
<th><strong>FORM RELEASES</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ACRYLCOAT</strong></td>
<td><strong>DURA</strong></td>
</tr>
<tr>
<td>Acrylic Latex Bonding Agent and Admixture</td>
<td>Bonding Agent and Admixture</td>
</tr>
<tr>
<td>USES</td>
<td>USES</td>
</tr>
<tr>
<td>Acrylcoat is ideal for bonding new concrete to new concrete or new concrete to old concrete and can be used with cementitious compounds:</td>
<td>Dura is ideal for bonding new concrete to new concrete or new concrete to old concrete and can be used with cementitious compounds:</td>
</tr>
<tr>
<td>• Patching materials</td>
<td>• Patching materials</td>
</tr>
<tr>
<td>• Gruots</td>
<td>• Gruots</td>
</tr>
<tr>
<td>• Masonry coatings</td>
<td>• Masonry coatings</td>
</tr>
<tr>
<td>• Stucco coatings</td>
<td>• Stucco coatings</td>
</tr>
<tr>
<td>• Masonry mortars</td>
<td>• Masonry mortars</td>
</tr>
</tbody>
</table>

**STANDARDS**

<table>
<thead>
<tr>
<th><strong>ACRYLCOAT</strong></th>
<th><strong>DURA</strong></th>
<th><strong>MULTI-55</strong></th>
<th><strong>OKOTE</strong></th>
<th><strong>EZKOTE GREEN</strong></th>
<th><strong>SLICKOTE</strong></th>
<th><strong>BLENDER BRIGHT</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>ASTM C1059, Type I and II</td>
<td>ASTM C1059, Type I and II</td>
<td>ASTM C1059 Type I and II</td>
<td>Corps of Engineers Specification CWS0301.1, Section 2.1.2</td>
<td>Corps of Engineers Specification CWS0301.1, Section 2.1.2</td>
<td>Corps of Engineers Specification CWS0301.1, Section 2.1.2</td>
<td>Corps of Engineers Specification CWS0301.1, Section 2.1.2</td>
</tr>
</tbody>
</table>

**COVERAGE**

<table>
<thead>
<tr>
<th><strong>ACRYLCOAT</strong></th>
<th><strong>DURA</strong></th>
<th><strong>MULTI-55</strong></th>
<th><strong>OKOTE</strong></th>
<th><strong>EZKOTE GREEN</strong></th>
<th><strong>SLICKOTE</strong></th>
<th><strong>BLENDER BRIGHT</strong></th>
</tr>
</thead>
</table>

**VOC**

<table>
<thead>
<tr>
<th><strong>ACRYLCOAT</strong></th>
<th><strong>DURA</strong></th>
<th><strong>MULTI-55</strong></th>
<th><strong>OKOTE</strong></th>
<th><strong>EZKOTE GREEN</strong></th>
<th><strong>SLICKOTE</strong></th>
<th><strong>BLENDER BRIGHT</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>&lt;10 g/L</td>
<td>&lt;10 g/L</td>
<td>&lt;10 g/L</td>
<td>&lt;100 g/L</td>
<td>&lt;100 g/L</td>
<td>&lt;100 g/L</td>
<td>&lt;100 g/L</td>
</tr>
</tbody>
</table>

**DRY TIME**

<table>
<thead>
<tr>
<th><strong>ACRYLCOAT</strong></th>
<th><strong>DURA</strong></th>
<th><strong>MULTI-55</strong></th>
<th><strong>OKOTE</strong></th>
<th><strong>EZKOTE GREEN</strong></th>
<th><strong>SLICKOTE</strong></th>
<th><strong>BLENDER BRIGHT</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>25 min at 70°F</td>
<td>20 min at 70°F</td>
<td>30 min at 70°F</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
</tbody>
</table>