1. PRODUCT NAME
SPECTRALOCK® PRO Premium Grout†

2. MANUFACTURER
LATICRETE International, Inc.
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Bethany, CT 06524-3423 USA
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Toll Free: 1.800.243.4788, ext. 235
Fax: +1.203.393.1684
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3. PRODUCT DESCRIPTION
SPECTRALOCK PRO Premium Grout† is a patented, high performance epoxy grout which offers excellent color uniformity, durability, stain protection, and beautiful, full grout joints in an easy-to-use, non-sag formula.

Uses
- Ceramic tile, glass tile and stone
- Residential and commercial
- Interior and exterior
- Floors and walls
- Ideal for re-grouting applications
- Swimming pools, fountains and other wet area applications

Advantages
- Stainproof*  
- Improved non-sag formula for walls and floors  
- Uniform color—no blotchiness or shading  
- Never needs sealing  
- Easy to maintain, cleanable to the original color  
- Meets performance requirements of ANSI A118.3, ISO 13007-3 RG and EN 13888 RG  
- 80 minutes working time at 70°F (21°C)  
- Equipped with anti-microbial technology  
- Ideal for installations at wide temperature ranges

- Tough, durable, and crack resistant  
- Improved outperforms cement based grout  
- High fashion with Dazzle component  
- Can be used for grout joints from 1/16-1/2”

* Stain proof (residential installations only) to common household cleaners, liquids and other goods. Clean all spills immediately

Packaging

<table>
<thead>
<tr>
<th>Unit Size</th>
<th>Yield</th>
<th>Parts A &amp; B</th>
<th>Part C Color Powder</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mini</td>
<td>0.2 US gal (0.7 L)</td>
<td>A: 0.32 lb (0.14 kg)</td>
<td>B: 0.32 lb (0.14 kg)</td>
</tr>
<tr>
<td>Full</td>
<td>0.8 US gal (3.0 L)</td>
<td>A: 1.3 lb (0.6 kg)</td>
<td>B: 1.3 lb (0.6 kg)</td>
</tr>
<tr>
<td>Commercial</td>
<td>3.2 US gal (12.0 L)</td>
<td>A: 4 x 1.3 lb (0.6 kg)</td>
<td>B: 4 x 1.3 lb (0.6 kg)</td>
</tr>
</tbody>
</table>

Approximate Coverage
Refer to Coverage Chart located on Data Sheet 254.3 APD. Approximate coverage for SPECTRALOCK PRO Premium Grout† is the same as SPECTRALOCK PRO Grout†.

Shelf Life
Factory sealed containers of this product are guaranteed to be of first quality for the time listed below if stored at temperatures greater than 32°F (0°C) and less than 95°F (35°C).

Part A & B Liquids – two (2) years
Part C Powder – no limit**
** High humidity will reduce the shelf life of bagged product.

Limitations
- Not for use in areas subjected to harsh chemicals, or areas exposed to aggressive cleaning regimens (e.g. steam cleaning). Not for use on floor and base areas in veterinary clinics, kennels, or in applications exposed to high concentrations of food and mineral acids or areas exposed to high temperatures. For these areas LATICRETE recommends using grout that meets ANSI A118.5 such as SPECTRALOCK 2000 IG.
- Epoxy grout for ceramic tile and stone is not a replacement for a waterproofing membrane. When a waterproofing membrane is required, use a LATICRETE® Waterproofing Membrane (see Section 10 FILING SYSTEMS).
- SPECTRALOCK PRO Premium Grout† should not be used on floors and base in the food preparation or cleaning area of commercial and industrial kitchen applications.

Data Sheets are subject to change without notice. For latest revision, visit www.laticrete.com.
- Stainproof to common household cleaners, liquids and other goods. Clean all spills immediately. Stainproof in residential installations only.

**Cautions**
- Do not mix SPECTRALOCK® PRO Premium Grout® Part A or Part B liquids with SPECTRALOCK® PRO Grout® Part A or Part B liquids.
- Do not install SPECTRALOCK® PRO Premium Grout® adjacent to SPECTRALOCK® PRO Grout® of the same color to avoid possible color shade and texture variation.
- DO NOT add water or any other material to the mixture, or re-temper with water. This will have an adverse effect on the product and void all warranties.
- Protect finished work from traffic until fully cured.
- SPECTRALOCK® PRO Premium Grout® liquid components might irritate eyes and skin. Avoid contact with eyes and/or prolonged contact with skin.
- Wear protective gear (gloves, long sleeve shirt, and safety glasses) when applying. Flush thoroughly with water in case of initial contact.
- DO NOT ingest internally. Silica sand may cause cancer or serious lung problems. Avoid breathing dust. Wear a respirator or dust mask. See SDS for more information.
- Protect from freezing.
- Light colors may darken and dark colors may fade slightly from direct UV exposure in exterior applications. Consult with LATICRETE Technical Services for specific exterior recommendations.
- SPECTRALOCK® DAZZLE™ (Glow) not for use in submerged installations.
- Maximum stain protection is achieved in seven days at 70°F (21°C). Protect from exposure to acids (such as mustard, salad dressing, etc.) and strong cleaners during this period. Protect grout from dirt, construction debris, and contamination for 7 days @ 70°F (21°C).
- SPECTRALOCK® PRO Premium Grout® is a sanded grout. Use of sanded grouts in joints <1/8” (3 mm) will result in a coarser surface compared to surfaces in wider joints.
- SPECTRALOCK® DAZZLE (Glow) might discolor from strong alkali cleaners and acids. Use a neutral pH solution of soap and water when cleaning SPECTRALOCK® PRO Premium Grout® mixed with SPECTRALOCK® DAZZLE (Glow).
- Some soft polished marble or delicate glazed or glass tile might be scratched by SPECTRALOCK® PRO Premium Grout® during installation. Apply a small test area to determine results before grouting entire installation.
- In steam rooms or submerged applications, allow SPECTRALOCK® PRO Premium Grout® to cure for 10 days at 70°F (21°C) days before use of area and filing with water. See TDS 192 for more information on these applications.
- Epoxy Resins may affect the color of white or porous stones (such as White Carrara, Thassos White, Royal Danby etc.).
- Test stones for compatibility with water and cleaning additive mixture.
- Conduct a test area to determine compatibility with metal or steel tile.

### 4. TECHNICAL DATA

**VOC/LEED Product Information**

This product has been certified for Low Chemical Emissions (ULCOM/GG UL2818) under the UL GREENGUARD Certification Program For Chemical Emissions For Building Materials, Finishes and Furnishings (UL 2818 Standard) by UL Environment.

Total VOC Content form is 0.00026 lb/gal (0.031 g/l).

**Applicable Standard**

ANSI A118.3 tested with 1244 Bright White, ISO 13007-3, EN 13888

**Physical Properties**

<table>
<thead>
<tr>
<th>Test/Test Method</th>
<th>Description</th>
<th>Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANSI A118.3 E5.1</td>
<td>Water Cleanability</td>
<td>Water Cleanable at 80 minutes</td>
</tr>
<tr>
<td>ANSI A118.3 E5.2</td>
<td>Initial Set Service Strength</td>
<td>&gt; 2 hours &lt; 24 hours</td>
</tr>
<tr>
<td>ANSI A118.3 E5.3</td>
<td>Shrinkage</td>
<td>0.10%</td>
</tr>
<tr>
<td>ANSI A118.3 E5.4</td>
<td>Vertical Joint Sag</td>
<td>Pass</td>
</tr>
<tr>
<td>ANSI A118.3 E5.5</td>
<td>Quarry/Quarry Bond Strength</td>
<td>1,100 psi (7.6 MPa) tile failure</td>
</tr>
<tr>
<td>ANSI A118.3 E5.6</td>
<td>Compressive Strength</td>
<td>3,800 psi (26.2 MPa) 7 days</td>
</tr>
<tr>
<td>ANSI A118.3 E5.7</td>
<td>Tensile Strength</td>
<td>1,100 psi (7.6 MPa) 7 days</td>
</tr>
<tr>
<td>ANSI A118.3 E5.8</td>
<td>Thermal Shock</td>
<td>900 psi (6.2 MPa)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Test Method</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>Abrasion Resistance</td>
<td>ISO 13007-4 4.4</td>
</tr>
<tr>
<td>Flexural Strength Under Standard Conditions</td>
<td>ISO 13007-4 4.3</td>
</tr>
<tr>
<td>Compressive Strength Under Standard Conditions</td>
<td>ISO 13007-4 4.1</td>
</tr>
<tr>
<td>Shrinkage</td>
<td>ISO 13007-4 4.3</td>
</tr>
</tbody>
</table>

### Chemical Resistance*** Chart

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Splash Exposure (30 min)</th>
<th>Intermittent Exposure (24 hours)</th>
<th>Continuous Exposure (7 days)</th>
</tr>
</thead>
<tbody>
<tr>
<td>20% Sulfuric Acid</td>
<td>R</td>
<td>R***</td>
<td>NR***</td>
</tr>
<tr>
<td>5% Lactic Acid (Milk)</td>
<td>R</td>
<td>R</td>
<td>R</td>
</tr>
<tr>
<td>50% Tannic Acid</td>
<td>R</td>
<td>R</td>
<td>R</td>
</tr>
<tr>
<td>50% Tartaric Acid</td>
<td>R</td>
<td>R</td>
<td>R</td>
</tr>
<tr>
<td>10% Oxalic Acid</td>
<td>R</td>
<td>R</td>
<td>R</td>
</tr>
<tr>
<td>5% Acetic Acid (Vinegar)</td>
<td>R</td>
<td>R</td>
<td>R</td>
</tr>
<tr>
<td>5% Benzoic Acid</td>
<td>R</td>
<td>R</td>
<td>R</td>
</tr>
<tr>
<td>3% Formic Acid</td>
<td>R</td>
<td>R</td>
<td>NR</td>
</tr>
<tr>
<td>5% Citric Acid (Gatorade Drink)</td>
<td>R</td>
<td>R</td>
<td>R</td>
</tr>
<tr>
<td>10% Potassium Permanganate</td>
<td>R***</td>
<td>R***</td>
<td>R***</td>
</tr>
<tr>
<td>1% Potassium Permanganate</td>
<td>R***</td>
<td>R***</td>
<td>R***</td>
</tr>
<tr>
<td>5% Sodium Hypochlorite (Bleach)</td>
<td>R</td>
<td>R</td>
<td>NR</td>
</tr>
<tr>
<td>45% KOH (Cascade)</td>
<td>R</td>
<td>R</td>
<td>R</td>
</tr>
</tbody>
</table>
4. PERFORMANCE

A component of: SPECTRALOCK 2000 IG

5. INSTALLATION

See Data Sheet 681.5, How To Install SPECTRALOCK® PRO Premium Grout†, for detailed installation instructions. This document is available online at www.laticrete.com and is included in all Part AB units.

6. AVAILABILITY AND COST

Availability

LATICRETE® and LATAPOXY® materials are available worldwide.

For Distributor Information, Call:

Toll Free: 1.800.243.4788
Telephone: +1.203.393.0010, ext. 235

For on-line Distributor information, visit LATICRETE at www.laticrete.com.

Cost Contact a LATICRETE Distributor in your area.

7. WARRANTY

See 10. FILING SYSTEM

A component of:

DS 230.13: LATICRETE Product Warranty
DS 025.0: LATICRETE 25 Year System Warranty (United States and Canada)
DS 230.99: LATICRETE Lifetime System Warranty (United States and Canada)

8. MAINTENANCE

LATICRETE recommends using STONETECH® surface products to protect, clean and enhance stone, masonry, tile and grout surfaces. Protect surfaces from common stains by using a STONETECH sealer such as STONETECH BulletProof® Sealer. Routine maintenance should follow with STONETECH Revitalizer® Cleaner and Protector or a neutral pH cleaner such as STONETECH Stone & Tile Cleaners. For tough or difficult to remove soil use STONETECH KlenzAll™ Cleaner, a nylon scrubbing pad or a long handled stiff bristle brush. For additional information, please refer to the Grout Guide, TDS 400 and TDS 113 Cement Grout Care & Maintenance for more information.

9. TECHNICAL SERVICES

Technical Assistance

Information is available by calling the LATICRETE Technical Service Hotline:

Toll Free: 1.800.243.4788, ext. 235
Telephone: +1.203.393.0010, ext. 235
Fax: +1.203.393.1948

Technical and Safety Literature

To acquire technical and safety literature, please visit our website at www.laticrete.com.

10. FILING SYSTEM

Additional product information is available on our website at www.laticrete.com. The following is a list of related documents:

DS 230.13: LATICRETE Product Warranty
DS 025.0: LATICRETE 25 Year System Warranty (United States and Canada)
DS 230.99: LATICRETE Lifetime System Warranty (United States and Canada)
DS 236.0: 9235 Waterproofing Membrane
DS 634.0: SPECTRALOCK 2000 IG
DS 663.0: HYDRO BAN®
DS 685.0: SPECTRALOCK PRO Grout†
DS 681.5: How To Install LATICRETE SPECTRALOCK PRO Premium Grout†
TDS 400: LATICRETE Grout Guide
TDS 192: Installation of Ceramic Tile In Swimming Pools.

†United States Invention Patent No.: 6881768 (and other Patents)

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