1. PRODUCT NAME
SPECTRALOCK® PRO Premium Grout

2. MANUFACTURER
LATICRETE International, Inc.
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Bethany, CT 06524-3423 USA
Telephone: +1.203.393.0010, ext. 1235
Toll Free: 1.800.243.4788, ext. 1235
Fax: +1.203.393.1684
Website: laticrete.com

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. Equipped with Microban Anti-Microbial Protection

- Never needs sealing
- Easy to maintain, cleanable to the original color
- 80 minutes working time at 70°F (21°C)
- Equipped with anti-microbial technology to protect the treated article.
- Meets performance requirements of ANSI A118.3, ISO 13007-3 RG and EN 13888 RG
- Ideal for installations at wide temperature ranges
- ISO 13007-3 RG and EN 13888 RG
- Improved outperforms cement based grout
- High fashion with SPECTRALOCK Part D- DAZZLE™ component
- Can be used for grout joints from 1/16-1/2”
- Tough, durable and crack resistant
* Stainproof (residential installations only) to common household cleaners, liquids and other goods. Clean all spills immediately

Suitable Substrates

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) B: 0.32 lb (0.14 kg)</td>
<td>C: 2 lb (0.9 kg)</td>
</tr>
<tr>
<td>Full</td>
<td>0.8 US gal (3.0 L)</td>
<td>A: 1.3 lb (0.6 kg) B: 1.3 lb (0.6 kg)</td>
<td>C: 9.0 lb (4.0 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) B: 4 x 1.3 lb (0.6 kg)</td>
<td>C: 4 x 9.0 lb (4.0 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†.

Actual coverage will vary depending on job site conditions, actual tile size and installed grout joint size.

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

*Stainproof (residential installations only) to common household cleaners, liquids and other goods. Clean all spills immediately.
Add 10% for waste, spillage and clean-up, and another 10%–15% when grouting unglazed quarry tile. Expanded coverage tables at www.laticrete.com/coverage.

**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® Waterovoothing 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.
- 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 cause skin burns and serious eye damage. Avoid contact with eyes and 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. Silica sand may cause cancer, respiratory irritation or serious lung problems. Do not breathe dust. Wear a respirator or dust mask. See SDS for more information.
- Because propane gas heaters will cause epoxy grouts to yellow, refrain from using such heaters or properly vent all exhaust.
- Keep out of reach of children.

**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
### 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 Standard</th>
<th>Temperature</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>40°F (4°C)</td>
</tr>
<tr>
<td>ANSI A118.3 E–5.1</td>
<td>Working Time</td>
</tr>
<tr>
<td>WI 9.1.73</td>
<td>Tack Free Time</td>
</tr>
<tr>
<td>WI 9.1.73</td>
<td>Ready for Light Foot Traffic</td>
</tr>
<tr>
<td>WI 9.1.73</td>
<td>Ready for Heavy Foot Traffic</td>
</tr>
<tr>
<td>WI 9.1.73</td>
<td>Dirt, Stain Resistance, Food Spills, Household Cleaners</td>
</tr>
<tr>
<td>WI 9.1.73</td>
<td>Full Cure</td>
</tr>
</tbody>
</table>

*Specifications subject to change without notification. Results shown are typical but reflect test procedures used. Actual field performance will depend on installation methods and site conditions.

### Working Properties

**Density** — 15 lbs/gal (1.8 g/ml)

### Chemical Resistance

Chemical Resistance

Chemical Resistance*** Chart
### 6. AVAILABILITY AND COST

**Availability**
LATICRETE materials are available worldwide.

**For Distributor Information, Call:**
- Toll Free: 1.800.243.4788
- Telephone: +1.203.393.0010
For on-line distributor information, visit LATICRETE at laticrete.com

**Cost**
Contact a LATICRETE Distributor in your area.

### 7. WARRANTY

See 10. FILING SYSTEM:
- DS 025.0: 25 Year System Warranty
- DS 230.10: 10 Year System Warranty
- DS 230.13: 1 Year Product Warranty
- 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. 1235
- Telephone: +1.203.393.0010, ext. 1235
- Fax: +1.203.393.1948

**Technical and Safety Literature**
To acquire technical and safety literature, please visit our website at laticrete.com.

### 10. FILING SYSTEM

Additional product information is available on our website at 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

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### Table: Reagent Compatibility

<table>
<thead>
<tr>
<th>Reagent</th>
<th>splash</th>
<th>intermittent exposure</th>
<th>continuous exposure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lactic acid 5%</td>
<td>R</td>
<td>R</td>
<td>R</td>
</tr>
<tr>
<td>Acetic Acid 5%</td>
<td>R</td>
<td>R</td>
<td>R</td>
</tr>
<tr>
<td>Formic Acid 3%</td>
<td>R</td>
<td>R</td>
<td>NR</td>
</tr>
<tr>
<td>Sulfuric Acid 20%</td>
<td>R*</td>
<td>R*</td>
<td>NR*</td>
</tr>
<tr>
<td>Ethanol 10%</td>
<td>R</td>
<td>R</td>
<td>R</td>
</tr>
<tr>
<td>Ethanol 96%</td>
<td>R</td>
<td>R</td>
<td>NR</td>
</tr>
<tr>
<td>sea water (3.5%)</td>
<td>R</td>
<td>R</td>
<td>R</td>
</tr>
<tr>
<td>KOH 45%</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% Benzoic Acid</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>Distilled Water</td>
<td>R</td>
<td>R</td>
<td>R</td>
</tr>
<tr>
<td>Mineral Water</td>
<td>R</td>
<td>R</td>
<td>R</td>
</tr>
<tr>
<td>Methanol</td>
<td>R</td>
<td>NR</td>
<td>NR</td>
</tr>
<tr>
<td>Isopropanol (Windex)</td>
<td>R</td>
<td>R</td>
<td>R</td>
</tr>
<tr>
<td>Chloroform</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
</tr>
<tr>
<td>Methylene Chloride</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
</tr>
<tr>
<td>Tartaric Acid 50%</td>
<td>R</td>
<td>R</td>
<td>R</td>
</tr>
<tr>
<td>Tannic Acid 50%</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>Xylene</td>
<td>R</td>
<td>R</td>
<td>R</td>
</tr>
<tr>
<td>Toluene</td>
<td>R</td>
<td>R</td>
<td>NR</td>
</tr>
<tr>
<td>MEK</td>
<td>R</td>
<td>NR</td>
<td>NR</td>
</tr>
</tbody>
</table>

*grout color may change

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### 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.
• 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.: 6,881,768 (and other Patents)