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
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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.

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
- Easy to maintain, cleanable to the original color
- 80 minutes working time at 70°F (21°C)
- Equipped with anti-microbial technology
- 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

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

### 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&lt;</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Working Properties

**Density**—15 lbs/gal (1.8 g/ml)
<table>
<thead>
<tr>
<th>Test Standard</th>
<th>Temperature</th>
<th>40°F (4°C)</th>
<th>70°F (21°C)</th>
<th>95°F (35°C)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANSI A118.3 E-5.1</td>
<td>Working Time</td>
<td>120 min.</td>
<td>80 min.</td>
<td>30 min.</td>
</tr>
<tr>
<td>LIL-AS-01-110904</td>
<td>Tack Free Time</td>
<td>12 hrs.</td>
<td>4 hrs.</td>
<td>2 hrs.</td>
</tr>
<tr>
<td>LIL-AS-01-110904</td>
<td>Ready for Light Foot Traffic</td>
<td>24 hrs.</td>
<td>12 hrs.</td>
<td>6 hrs.</td>
</tr>
<tr>
<td>LIL-AS-01-110904</td>
<td>Ready for Heavy Foot Traffic</td>
<td>48 hrs.</td>
<td>24 hrs.</td>
<td>12 hrs.</td>
</tr>
<tr>
<td>LIL-AS-02-110904</td>
<td>Dirt, Stain Resistance, Food Spills, Household Cleaners</td>
<td>14 days</td>
<td>7 days</td>
<td>3 days</td>
</tr>
<tr>
<td>LIL-AS-03-110904</td>
<td>Full Cure</td>
<td>28 days</td>
<td>14 days</td>
<td>7 days</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.

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 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
- 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)