SPECTRALOCK® PRO PREMIUM TRANSLUCENT GROUT

A translucent version of our SPECTRALOCK PRO® PREMIUM GROUT, a patented, high performance epoxy grout that offers durability and stain resistance with extraordinary ease of use.

FEATURES/BENEFITS

- Stainproof*
- Non-sag formula for walls and floors
- Uniform color—no blotchiness or shading
- Never needs sealing
- Easy to maintain, cleanable to the original color
- Tough, durable, and crack resistant
- High fashion when combined with Part D: DAZZLE component
- For grout joints from 1.5–12mm (1/16-1/2”)
- Meets performance requirements of ANSI A118.3, ISO 13007-3 RG and EN 13888 RG
- 80 minutes working time at 21°C (70°F)
- Ideal for installations at wide temperature ranges

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

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

STANDARDS/CERTIFICATIONS

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 is 59g/l.

Applicable Standard
ANSI A118.3
ISO 13007-3, EN 13888

MANUFACTURER

LATICRETE EUROPE S.R.L.
Via Viazza 1° Tronco nr 19
41043 Formigine (MO) – Italy
Ph. +39 059557680
info@laticreteurope.com
Packaging

<table>
<thead>
<tr>
<th>Unit Size</th>
<th>Yield</th>
<th>Parts A &amp; B</th>
<th>Part G Glass Beads</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mini</td>
<td>1.1 L (0.3 US gal)</td>
<td>A: 0.54 kg (1.12 lb) B: 1.11 kg (2.44 lb)</td>
<td>C: 1.7 kg (3.8 lb)</td>
</tr>
<tr>
<td>Full</td>
<td>3.0 L (0.8 US gal)</td>
<td>A: 0.3 kg (0.72 lb) B: 0.6 kg (1.45 lb)</td>
<td>C: 4.0 kg (9.0 lb)</td>
</tr>
</tbody>
</table>

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 0°C (32°F) and less than 35°C (95°F).

Part A & B Liquids – two (2) years
Part G Glass Beads – no limit

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.
- SPECTRALOCK PRO Premium Translucent 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

Consult SDS for more safety information.
- 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 TRANSLUCENT 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. See MSDS 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.
- SPECTRALOCK® DAZZLE (Glow) might discolor from strong alkali cleaners and acids. Use a neutral pH solution of soap and water when cleaning SPECTRALOCK® PRO GROUT mixed with SPECTRALOCK® DAZZLE (Glow).
- Maximum stain protection is achieved in 7 days at 21°C (70°F). 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 @ 21°C (70°F).
- In steam rooms or submerged applications, allow SPECTRALOCK® PRO PREMIUM TRANSLUCENT GROUT to cure for 10 days at 21°C (70°F) 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.

TECHNICAL DATA

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; 3 hours &lt; 24 hours</td>
</tr>
</tbody>
</table>
ANSI A118.3 E5.3
- Shrinkage: <0.00%

ANSI A118.3 E5.4
- Vertical Joint Sag: Pass

ANSI A118.3 E5.5
- Quarry/Quarry Bond Strength: 2,200 psi (15 MPa) tile failure

ANSI A118.3 E5.6
- Compressive Strength: 8,500 psi (58.6 MPa) 7 days

ANSI A118.3 E5.7
- Tensile Strength: 2,200 psi (15 MPa) 7 days

ANSI A118.3 E5.8
- Thermal Shock: 1,800 psi (12.4 MPa)

ANSI A118.5
- Water Absorption: 0.01%

Test Method | Test | Results
--- | --- | ---
ISO 13007-4 4.4 | Abrasion Resistance | 36 mm³
ISO 13007-4 4.1.3 | Flexural Strength Under Standard Conditions | 35.8 MPa
ISO 13007-4 4.1.4 | Compressive Strength Under Standard Conditions | 57.2 MPa
ISO 13007-4 4.3 | Shrinkage | .00 mm/m

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>R**</td>
</tr>
<tr>
<td>30% Nitric Acid</td>
<td>R</td>
<td>R**</td>
<td>R**</td>
</tr>
<tr>
<td>5% Lactic Acid (Milk)</td>
<td>R</td>
<td>R</td>
<td>NR</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>5% Sodium Hypochlorite (Bleach)</td>
<td>R</td>
<td>R</td>
<td>R</td>
</tr>
<tr>
<td>45% KOH (Cascade)</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>Sea 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>10% Ethanol (Wine, Beer)</td>
<td>R</td>
<td>R</td>
<td>R</td>
</tr>
<tr>
<td>96% Ethanol (Spirit)</td>
<td>R</td>
<td>R</td>
<td>NR</td>
</tr>
</tbody>
</table>

** Material will stain due to exposure to these items.

R=Recommended

NOTES TO SPECIFIER: Use the constant exposure recommendations for intermittent exposure to reagents at temperatures above 90°F (32°C).

Working Properties

Density — 1.8 g/ml (15 lbs/gal)

Test Standard | Temperature |
--- | --- |
ANSI A118.3 E–5.1 | Working Time 120 min. 80 min. 30 min.
LIL-AS-01-110904 | Tack Free Time 12 hrs. 4 hrs. 2 hrs.
LIL-AS-01-110904 | Ready for Light Foot Traffic 16 hrs. 8 hrs. 4 hrs.
LIL-AS-01-110904 | Ready for Heavy Foot Traffic 24 hrs. 16 hrs. 6 hrs.
LIL-AS-02-110904 | Dirt, Stain Resistance, Food Spills, Household Cleaners 9 days 7 days 3 days
LIL-AS-03-110904 | Full Cure 9 days 7 days 3 days

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.

AVAILABILITY AND COST

Availability

LATICRETE® materials are available worldwide. For distributor information, please contact LATICRETE EUROPE S.r.l.
Telephone +39 059557680.
For on-line distributor information, visit www.eu.laticrete.com

Cost

Contact LATICRETE® to obtain complete information and cost.
WARRANTY
The supplier warrants that the product will not deteriorate under normal conditions and use. The warranty validity of one (1) year. Contact Technical Support for further information.

MAINTENANCE
LATICRETE® products are of high quality designed to achieve lasting installations and avoid maintenance, however performance and durability may depend on properly maintaining products, depending of the cleaning products used.

TECHNICAL SERVICES
Technical assistance
For information contact: +39 059557680
technicalservices@laticreteeurope.com

Technical and safety literature
To obtain technical and safety literature, please visit our website at www.laticrete.eu

Warning
The information and the instructions in the data sheet, although based on knowledge gained through years of applications, are indicative. LATICRETE® unable to directly control the installation conditions and modalities of application of products, do not assume any liability arising from theirs implementation. Those who want to use the LATICRETE® products must conduct adequate tests to determine the site specifications. Results shown are typical but reflect test procedures used. Actual field performance will depend on installation method and site conditions.