



Globally Proven  
Construction Solutions

# 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 colour—no blotchiness or shading
- Never needs sealing
- Easy to maintain, cleanable to the original colour
- Tough, durable, and crack resistant
- High fashion when combined with Part D: DAZZLE component
- 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

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

## MANUFACTURER

LATICRETE EUROPE S.r.l.  
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## USES

- For interior, exterior, and submerged use
- For walls or floors
- Suitable for grout joints from 1.5–12mm for glass mosaic, ceramic tile, thin brick and stone
- For residential and commercial use
- For swimming pools, fountains, and other wet area applications
- Ideal for re-grouting applications

## STANDARDS/CERTIFICATIONS



### Quality Standards

ISO 9001:2008 Quality Management System

### VOC/LEED Product Information



GEV EMICODE EC1 Plus



ÉMISSIONS DANS L'AIR INTÉRIEUR

\*Rappresentazione del livello di emissione di inquinanti volatili in aria interna, preventivamente al rischio di inquinamento, su base standardizzata, riferita ad un bene fabbricato emittente a C (basse emissioni).



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.

## Packaging

Unit Size	Yield	Parts A & B	Part G Glass Beads
Full	3.0 L (0.8 US gal)	A: 0.3 kg (0.72 lb.) B: 0.6 kg (1.45 lb)	C: 4.0 kg (9.0 lb)

## Consumption

Refer to website for additional coverage and consumption details ([www.laticrete.eu](http://www.laticrete.eu)).

## 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 and less than 35°C:

- 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 grouts 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 MSDS 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.
- 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.
- 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. 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.
- In steam rooms or submerged applications, allow SPECTRALOCK® PRO PREMIUM TRANSLUCENT GROUT to cure for 10 days at 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 colour 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

Test/Test Method	Description	Results
ANSI A118.3 E5.1	Water Cleanability	Water Cleanable at 80 minutes
ANSI A118.3 E5.2	Initial Set Service Strength	> 3 hours < 24 hours
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	2,200psi(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 mm <sup>3</sup>
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**

Chemical Name	Splash Exposure (30 min)	Intermittent Exposure (24 hours)	Continuous Exposure (7 days)
20% Sulfuric Acid	R	R**	R**
30% Nitric Acid	R	R**	R**
5% Lactic Acid (Milk)	R	R	NR
50% Tannic Acid	R	R	R
50% Tartaric Acid	R	R	R
10% Oxalic Acid	R	R	R
5% Acetic Acid (Vinegar)	R	R	R
5% Benzoic Acid	R	R	R
3% Formic Acid	R	R	NR
5% Citric Acid (Gatorade Drink)	R	R	R
10% Potassium Permanganate	R**	R**	R**
5% Sodium Hypochlorite (Bleach)	R	R	R
45% KOH (Cascade)	R	R	R
Distilled Water	R	R	R
Mineral Water	R	R	R
Sea Water	R	R	R
Methanol	R	NR	NR
10% Ethanol (Wine, Beer)	R	R	R
96% Ethanol (Spirit)	R	R	NR
Isopropanol (Windex)	R	R	R
MEK	R	NR	NR
Chloroform	NR	NR	NR
Methylene Chloride	R	NR	NR
Toluene	R	R	NR
Xylene	R	R	NR

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

R=Recommended

NR=Not Recommended. Chemical Resistance determined in accordance with ASTM C267-1982.

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

Test Standard		4°C	21°C	35°C
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.

**INSTALLATION**

Please note that working time is affected by many variables including grout mix consistency, surface and room temperatures. Warmer climates, for example, will shorten working time, while colder conditions will extend working time.

Do not add water or any other materials to the grout mixture. Do not re-temper with water. This will have an adverse effect on the product and void all warranties.

Clean-up is critical. Prepare for the initial and final washes by having 2 pails of clean water ready for the clean-up process.

**Surface Preparation**

Before starting to grout, remove spacers and debris in grout joints and remove dust and dirt using a wet sponge. Do not leave water standing in joints. Note: when grouting in hot weather refer to [TDS 176](#) Hot Weather Tiling and Grouting. Substrate temperature must be between 5°C and 35°C.

**Mixing**

Cut open Part A and B pouches, and squeeze the liquids (A first, then B) into a clean pail.

**IMPORTANT:** Fold pouches in half and roll up like a toothpaste tube. Make sure to squeeze all the liquids out of the pouches.

- To remove any remaining liquid, fold pouch in half from top to bottom, drape folded pouch over the edge of the pail and squeeze out liquids against the inside of the pail.
- Mix liquids thoroughly, completely blending all liquid from sides and bottom of pail. Mix with a margin trowel or slow speed drill mixer (< 300 RPM).
- Once blended, add Part G glass beads to blended A and B liquids and mix thoroughly with margin trowel or slow speed drill mixer (< 300 RPM). The SPECTRALOCK PRO PREMIUM TRANSLUCENT GROUT unit is designed to use all the Part G glass beads for most applications. For narrow joints, it is acceptable to leave out up to 10% Part G glass beads to produce a more fluid mix.

**MIXING WITH PART D SPECTRALOCK® DAZZLE™:**

- If using Part D DAZZLE™ Powder: Mix Part D DAZZLE powder into the blended liquids (Part A and Part B) before adding the Part G glass beads. Be careful mixing, as Part D DAZZLE powder is light and will become airborne easily.
- Once blended, add Part G glass beads to the mix, leaving out an amount approximately equal to or slightly more than the volume of Part D DAZZLE powder used. Use the empty Part D DAZZLE cup to hold back the Part G glass beads.

NOTE: Mix to desired consistency.

**Application**

After surfaces are cleaned, allow to dry thoroughly before grouting. Spread grout using a sharp edged, firm rubber grout

float. Work the grout diagonally across the joints, packing them full.

“Cut” excess grout off the tile surface using the edge of the float held at a 90° angle like a squeegee, stroking diagonally to avoid pulling grout out of filled joints.

### Cleaning

Have clean water, new clean sponge and initial wash cleaning additive packet ready.

- Once grout has been spread, wait approximately 20 minutes before cleaning (or within one hour of initial mixing of product). Wait longer at colder temperatures.
- Add initial wash cleaning additive to 7.5 L of clean water and mix until fully dissolved. Do not mix cleaning additive with grout.
- Submerge clean sponge into water and wring until damp. Change water with cleaning additive mixture every 4.6 m<sup>2</sup> when using multiple units.
- Wipe grout joints and tile surface in a light circular motion, loosening grout residue while making the joints smooth.
- Drag a clean sponge diagonally over the scrubbed surfaces to remove grout residue. Rinse sponge after every pass; use each side of sponge only once between rinsing. Discard sponges when they become “gummy” with residue.
- Check work as you clean. Repair any low spots with additional grout.

### Wall Applications

Instead of a sponge, the use of a damp, well wrung, folded terry cloth towel can be helpful to remove excess grout while smoothing joints less than 3 mm on walls. Use light pressure when using folded terry cloth towel.

### Final Inspection and Cleaning

- Begin final cleaning approximately 40 minutes after initial wash has taken place. Prepare another 7.5 L of clean water and pour in the final wash cleaning additive packet, and mix until fully dissolved.
- Follow the same process as the initial wash but use the clean white scrub pad in place of the sponge to break apart any leftover residue. Rinse scrub pad frequently.
- Then, drag a clean sponge diagonally over the scrubbed surfaces to remove froth and residue. Use each side of sponge only once before rinsing and change water and cleaning additive mixture at least every 4.6 m<sup>2</sup> when using multiple units.
- Allow cleaned areas to dry and inspect tile/stone surface. For persistent grout film/haze (within 24 hours), scrub area with mixture of 7.5 L clean water and 118 ml white vinegar. Conduct a test area to verify results on polished stones.
- Rinse with clean water and allow surface to dry. Inspect grout surface and repair as required with freshly mixed

grout.

- Unlike cement grout haze that can be buffed off the following day, SPECTRALOCK® PRO PREMIUM TRANSLUCENT GROUT film/haze that is allowed to cure on the tile surface may be difficult to remove. Make certain to check tile surface with adequate lighting after the tile surface is dry.
- Protect finished surface from traffic for at least 12 hours at 21°C.
- Do not expose grout to acid cleaners for 7 days.
- Allow grout to cure for 7 days at 21°C prior to use in submerged applications or steam rooms.

See LATICRETE [Technical Data Sheet 192](#) for more information.

### AVAILABILITY AND COST

#### Availability

LATICRETE® materials are available worldwide. For distributor information, please contact LATICRETE EUROPE S.r.l.:

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[info@laticreteeuropa.com](mailto:info@laticreteeuropa.com)

For online distributor information, [www.laticrete.eu](http://www.laticrete.eu).

#### Cost

Contact LATICRETE EUROPE S.r.l 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 Services for further information. Refer to 10. FILING SYSTEM on [www.laticrete.eu](http://www.laticrete.eu):

- DS 025.0: 25 Year System Warranty
- DS 230.10: 10 Year System Warranty
- DS 230.13: 1 Year Product Warranty

### MAINTENANCE

LATICRETE® and LATAPOXY® are products 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 SERVICE

#### Technical Assistance

For information contact:

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[technicalservices@laticreteeuropa.com](mailto:technicalservices@laticreteeuropa.com)

#### Technical and Safety Literature

To obtain technical and safety literature, please visit our website at [www.laticrete.eu](http://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® is unable to directly control the installation methods and conditions of products and does not assume any liability arising from their implementation. Those who want to use LATICRETE® products should 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.

LATICRETE® products are covered by a guarantee within the limits of what is established by our general conditions of sale and within the limits of correspondence related to technical specifications and applicable certifications, as expressly indicated in the product data sheets, documentation, or applicable technical documentation.