



SPECTRALOCK® PRO PREMIUM TRANSLUCENT GROUT

DS-7351-0821

**Globally Proven
Construction Solutions**



1. PRODUCT NAME

SPECTRALOCK® PRO PREMIUM TRANSLUCENT GROUT

2. MANUFACTURER

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3. PRODUCT DESCRIPTION

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

SPECTRALOCK PRO PREMIUM TRANSLUCENT GROUT offers a unique opaque color that diffuses light and makes any design look more vibrant.

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

- Ideal for backlit applications, such as in bars, restaurants and event spaces

Advantages

- Superior stain protection*
- Non-sag formula for walls and floors
- Uniform colour and translucency — diffuses light through grout joint
- 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
- 80 minutes working time at 21°C
- Ideal for installations at wide temperature ranges
- Meets performance requirements of ANSI A118.3, ISO 13007-3 RG and EN 13888 RG

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

Suitable Substrates

- Concrete
- Concrete Masonry
- Brick Masonry
- Gypsum Wallboard
- Exterior Glue Plywood
- Cement Backer Board
- Cement Plaster
- Cement Terrazzo
- Vinyl Or Other Resilient Tile
- Plastic Laminate
- Steel

Packaging

5.08 kg kit, includes:

- (1) Part A (0.32 kg)
- (1) Part B (0.66 kg)
- (1) Part G glass beads (4.1 kg)
- (1) Set of gloves
- (1) Sponge
- (2) Cleaning additive packets

Approximate Coverage / Consumption

Tile Size (mm)	Joint Width (mm)					
	2	4	6	8	10	12
20 x 20 x 4	12.8					
100 x 100 x 6	3.8	7.7	11.5	15.4	19.2	23.0
75 x 150 x 7	4.5	9.0				
150 x 150 x 9	3.8	7.7				
120 x 240 x 12		9.6	14.4	19.2	24.0	28.8
200 x 200 x 9	2.9	5.8	8.6	11.5	14.4	17.3
200 x 200 x 14		9.0	13.4	17.9	22.4	26.9
300 x 300 x 10	2.1	4.3	6.4	8.5	10.7	12.8
300 x 600 x 10	1.6	3.2	4.8	6.4	8.0	9.6
450 x 450 x 10	1.4	2.8	4.3	5.7	7.1	8.5
600 x 600 x 10	1.1	2.1	3.2	4.3	5.3	6.4
600 x 1200 x 10	0.8	1.6	2.4	3.2	4.0	4.8
150 x 800 x 10	2.5	5.1				
200 x 800 x 10	2.0	4.0				
150 x 1500 x 10	2.3	4.7				
200 x 1500 x 10	1.8	3.6				
150 x 1700 x 10	2.3	4.6				
200 x 1700 x 10	1.8	3.6				
1000 x 1000 x 6	0.4	0.8	1.2			
1500 x 3000 x 6	0.2	0.4	0.6			

Approximate kg per 10 m² of tiled surface.

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

Tips: Add 10% for waste, spillage and clean-up, and another 10%–15% when grouting unglazed quarry tile.

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 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.

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.

Applicable Standard

- EN 13888 RG
- ISO 13007-3 RG
- ANSI A118.3
- ISO 9001:2015 Quality Management System

Physical Properties

Basis:	Epoxy resins, aggregates, additives		
Colour:	Translucent		
Maximum Grain Size:	0.3 mm		
Flammability:	No		
Classification EN 13888:	RG		
	Value	Requirement	Test Method
Abrasion Resistance:	~ 36 mm ³	≤ 250 mm ³	EN 12808-2
Flexural Strength (28 days):	~ 35 N/mm ²	≥ 30 N/mm ²	EN 12808-3
Compressive Strength (28 days)	~ 55 N/mm ²	≥ 45,0 N/mm ²	EN 12808-3
Shrinkage:	0,00 mm/m	≤ 1,5 mm/m	EN 12808-4
Water Absorption after 240 Minutes:	~ 0,05 g	< 0,1 g	EN 12808-5

Working Properties

Consistency:	Creamy paste
Wet Density:	1,80 g/cm ³
Working Time:	~ 80 minutes
Application Temperature:	From +7°C to +32°C
Mix Ratio:	1 Part A : 1 Part B : 1 Part C (0.32 kg : 0.66 kg : 4,1 kg)
Time to Foot Traffic:	~24 hours
Time to Full-Service Conditions:	7 days*

(23°C / 50% R.H.)

* for maximum resistance

Chemical Resistance

Reagent / Chemical Name	Continuous Exposure (7 days)	Intermittent Exposure (24 hours)	Splash Exposure (30 min)
Food & Drink Reagents			
Lactic acid 5% (Milk)	NR	R	R
Acetic Acid 5% (Vinegar)	R	R	R
Formic Acid 3%	NR	R	R
Tartaric Acid 50%	R	R	R
Tannic Acid 50%	R	R	R
Ethanol 10% (Wine, Beer)	R	R	R
Ethanol 96% (Spirit)	NR	R	R
Benzoic Acid 5%	R	R	R
Citric Acid 5% (Gatorade Drink)	R	R	R
Mineral Acids			
Sulfuric Acid 20%	R*	R*	R
Nitric Acid 30%	R*	R*	R
Cleaners			
Isopropanol (Windex)	R	R	R
Sodium Hypochlorite 5% (Bleach)	R	R	R
Chloroform	NR	NR	NR
Potassium Permanganate 10%	R*	R*	R*
Oxalic Acid 10%	R	R	R
Solvents			
Xylene	NR	R	R
Toluene	NR	R	R
Methylene Chloride	NR	NR	R
Methanol	NR	NR	R
Potassium hydroxide (KOH) 45% (Cascade)	R	R	R
MEK	NR	NR	R
Waters			
Distilled Water	R	R	R
Mineral Water	R	R	R
Sea Water 3.5%	R	R	R

*grout material may stain or change colour due to exposure.

Chemical Resistance determined in accordance with ASTM C267-1982). Chemical Resistance defined as:

- **Splash:** minor spill wiped up quickly such as in a laboratory

- **Intermittent:** exposure to chemicals where clean up takes place several times a day such as in a commercial kitchen.
- **Continuous:** heavy exposure to chemicals where clean up is less frequent such as in an industrial food plant.
- **R=** recommended (optimal resistance), **NR=** not recommended (poor resistance)

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

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

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 m² 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 m² 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.

6. AVAILABILITY AND COST

Availability

LATICRETE® materials are available worldwide. For distributor information, please contact LATICRETE Europe S.r.l. a socio unico:

+39 059 535540

info@laticreteurope.com

For on-line distributor information, visit www.laticrete.eu.

Cost

Contact LATICRETE Europe S.r.l. a socio unico to obtain complete information and cost.

7. 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. See 10. FILING SYSTEM:

- DS 230.13EU: 1 Year Product Warranty
- DS 230.10EU: 10 Year System Warranty

8. 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.

9. TECHNICAL SERVICES

Technical Assistance

Information is available by calling or emailing the Technical Service Hotline:

+39 059 535540

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® 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 warranty 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.

10. FILING SYSTEM

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

- DS230.13EU: 1 Year Product Warranty
- DS 230.10EU: 10 Year System Warranty
- T-1099EUR-1120: Grouts & Sealants Brochure
- T-1097EUR-1120: LATICRETE® Grout & Sealant Colour Chart
- TDS 192: Installation of Ceramic Tile in Swimming Pools
- TDS 176: Hot Weather Tiling and Grouting
- TDS 400: Grout Guide