SPECTRALOCK® PRO Premium Translucent Grout

DS-35366-1026

Globally Proven Construction Solutions

1. PRODUCT NAME
SPECTRALOCK® PRO Premium Translucent Grout

2. MANUFACTURER
LATICRETE International, Inc.
1 LATICRETE Park North
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
An innovative, stainproof*, high performance epoxy grout that offers a unique opaque color that diffuses light and makes any design look more vibrant.

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*
- Non-sag formula for walls and floors
- Unique Opaque color - transfers light and color
- Never needs sealing
- Easy to maintain, cleanable to the original color
- Extremely tough, durable and crack resistant
- 80 minutes working time at 70°F (21°C)
- High fashion when combined with Part D: DAZZLE component
- Meets performance requirements of ANSI A118.3
- Ideal for installations at wide temperature ranges
- Can be used for grout joints from 1/16-1/2”

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

Suitable Substrates
- Concrete
- Concrete Masonry
- Brick Masonry
- Non-Water Soluble Cut-Back Adhesive
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- Vinyl Or Other Resilient Tile
- Gypsum Wallboard
- Cement Plaster
- Cement Terrazzo
- Plastic Laminate
- Cement Backer Board
- Steel
- Exterior Glue Plywood
- Exterior Glue Plywood

Packaging

Unit Size	Yield	Parts A & B	Part G Glass Beads
Mini	0.32 US gal (1.2L)	A: 4.2 fl.oz. (123.7 mL) B: 8.6 fl.oz. (253.8 mL)	G: 3.8 lb (1.7 kg)
Full	0.77 US gal (2.9L)	A: 10.4 fl.oz. (307.2 mL) B: 21.0	G: 9.1 lb (4.1 kg)

		fl.oz. (620.1 mL)	

Pallet Quantity
- Mini – 80 Units (20 Boxes)
- Full – 80 Units

Approximate Coverage

Tile Width (in)	Tile Length (in)	Tile Thickness (in)	1/16" Joint	1/8" Joint	1/4" Joint	3/8" Joint	1/2" Joint
1	1	1/4	17	9	5	3	3
2	2	1/4	34	17	9	6	5
4 1/4	4 1/4	5/16	57	29	15	10	8
4	8	1/2	45	22	11	8	6
6	6	1/2	50	25	13	9	7
8	8	3/8	89	45	23	15	11
12	12	3/8	134	67	34	23	17
13	13	3/8	145	73	36	24	18
16	16	3/8	178	89	45	30	23
18	18	3/8	200	100	50	34	25
24	24	3/8	267	134	67	45	34

Tile Size (inches)		Grout Joint Size (inches)								
Width	Length	Thickness	1/16	1/8	3/16	1/4	5/16	3/8	7/16	1/2
			0.0625	0.125	0.188	0.25	0.313	0.375	0.438	0.5
1	1	1/4	41	21	15	11	9	8	7	7
2	2	1/4	80	41	28	21	17	15	13	11
4 1/4	4 1/4	5/16	135	68	46	35	28	23	20	18
4	8	1/2	106	53	36	27	22	18	16	14
6	6	1/2	119	60	40	30	24	20	18	15
8	8	3/8	212	106	71	54	43	36	31	27
12	12	3/8	317	159	106	80	64	54	46	40
13	13	3/8	343	172	115	86	69	58	50	44
16	16	3/8	422	212	141	106	85	71	61	54
18	18	3/8	475	238	159	119	96	80	69	60
24	24	3/8	633	317	211	159	127	106	91	80

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 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 Translucent Grout† Part A or Part B liquids with SPECTRALOCK PRO or PRO Premium Grout† Part A or Part B liquids.
- 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 cause severe 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 internally. 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.
- Even though SPECTRALOCK PRO Premium Translucent Grout is designed with UV inhibitors, the grout may fade slightly from direct UV exposure in exterior applications. Consult with LATICRETE Technical Services for specific exterior recommendations.
- SPECTRALOCK DAZZLE™ (Glow-in-the-Dark) 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 DAZZLE (Glow-in-the-Dark) might discolor from strong alkali cleaners and acids. Use a neutral pH solution of soap and water when cleaning SPECTRALOCK PRO Premium Translucent Grout† mixed with SPECTRALOCK DAZZLE (Glow-in-the-Dark).
- Even though SPECTRALOCK PRO Premium Translucent Grout contains only glass beads, some soft polished marble or delicate glazed or glass tile could be scratched by SPECTRALOCK PRO Premium Translucent 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 Translucent 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

Physical Properties

Test	Test Method	Results
ANSI 118.5	Water Absorption	0.01%
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	2,200 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)

Working Properties

Property Name	Property Value
W.I. 9.1.73 Full Cure	9 Days @ 50°F (10°C), 7 Days @ 70° (21°C), 3 Days @ 90°F (32°C)
Density	15 lbs/gal (1.8 g/ml)

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 735.5, How To Install SPECTRALOCK® PRO Premium Translucent 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:

- 1 Year Product Warranty (US) (English)
- 25 Year System Warranty (US) (English)
- Lifetime System Warranty (US) (English)

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 735.5: How To Install LATICRETE SPECTRALOCK PRO Premium Translucent Grout
- TDS 400: LATICRETE Grout Guide
- TDS 192: Installation of Ceramic Tile In Swimming Pools

LATICRETE International, Inc.
One LATICRETE Park North, Bethany, CT 06524-3423 USA • 1.800.243.4788 • +1.203.393.0010 • www.laticrete.com
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