



SPECTRALOCK® PRO Premium Translucent Grout

DS-35366-0520

**Globally Proven
Construction Solutions**



- 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, ISO 13007-3 RG and EN 13888 RG
- Ideal for installations at wide temperature ranges
- Can be used for grout joints from 1/16-1/2"
- * Stain proof (residential installations only) to common household cleaners, liquids and other goods. Clean all spills immediately.

1. PRODUCT NAME

SPECTRALOCK® PRO Premium Translucent Grout

2. MANUFACTURER

LATICRETE International, Inc.
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Bethany, CT 06524-3423 USA

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3. PRODUCT DESCRIPTION

A patented, 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

Suitable Substrates

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

Packaging

Unit Size	Yield	Parts A & B	Part G Glass Beads
Mini	0.32 US gal (1.2L)	A: 0.3 lb (0.14 kg) B: 0.61 lb (0.28 kg)	G: 3.8 lb (1.7 kg)
Full	0.77 US gal (2.9L)	A: .7 lb (0.32 kg) B: 1.5 lb (0.66 kg)	G: 9.1 lb (4.1 kg)

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

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 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 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. 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
- ISO 13007-3, EN 13888

Physical Properties

Test	Test Method	Results
Abrasion Resistance	ISO 13007-4 4.4	36 mm ³
Flexural Strength Under Standard Conditions	ISO 13007-4 4.1.3	35.8 MPa
Compressive Strength Under Standard Conditions	ISO 13007-4 4.1.4	57.2 MPa
Shrinkage	ISO 13007-4 4.3	.00 mm/m
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:

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

United States Invention Patent No.: 6,881,768 (and other Patents)

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