For most ceramic tile, glass tile, porcelain tile and natural stone

Floors and walls

Interior and exterior

Residential and commercial

* United States Patent No.: 6,881,768 (and other Patents).
Easy to Install, Easy to Clean-Up! SPECTRALOCK® PRO Premium Grout* installs as easily as regular cement grout but provides the colour uniformity, stain protection and durability you can only get with an epoxy. New improved non-sag formula makes installation even easier and helps achieve full, flush grout joints. LATICRETE® SPECTRALOCK PRO Premium Grout can be used for interior or exterior applications on floors and walls. SPECTRALOCK PRO Premium Grout may also be used with LATICRETE SPECTRALOCK DAZZLE™, a design component that produces metallic and glow-in-the-dark grout when mixed with our 40 lifestyle colours.

Before you Begin

Important: Do not mix SPECTRALOCK PRO Grout Part A OR Part B liquids with SPECTRALOCK PRO Premium Grout Part A OR Part B liquids.
Do not install SPECTRALOCK PRO Grout adjacent to SPECTRALOCK PRO Premium Grout of the same colour to avoid possible colour shade and texture variation.
- Follow adhesive manufacturer’s recommendations for minimum cure time prior to grouting.
- SPECTRALOCK PRO Premium Grout is a sanded grout. Use of sanded grouts in joints less than 3 mm will result in a coarser surface texture as compared to wider joints.
- 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.
- Not for use in areas subjected to enzymatic cleaners and no-rinse cleaners.

Ensure the following items are on the jobsite before grouting.

Preparation and Installation Tools

- Broom/vacuum (remove debris)
- Utility knife (removes excess thin-set in joints, open A and B pouches)
- Clean water and sponges (to clean surface of tile)
- Firm edged, rubber epoxy grout float
- Margin trowel
- Low speed drill and grout mix paddle (optional)
- Empty pails

CLEAN-UP SUPPLIES

- Fresh water supply
- Extra sponges (for floor installation)
- Terry cloth towels (optional for wall clean up)
- Empty pails
- White scrub pad

STORAGE

Condition the components at 21°C to allow for easier application.
Protect Part A and Part B liquids from freezing.

SURFACE PREPARATION

- Ensure the tile surface has no residual film from adhesive setting material.
- The use of a STONETECH® sealer or grout release applied to unglazed porcelain tile, abrasive, non-slip or rough textured tiles or porous tile or stone surfaces before grouting will facilitate cleaning.
- SPECTRALOCK PRO Premium Grout, as well as other sanded grouts, may “scratch” glass tiles, soft or polished marble and stone, soft glazed and handmade tiles. Test grout on a small area to ensure compatibility.
- Test stone for compatibility with water and cleaning additive mixture.
- Epoxy resins may affect the colour of white or light coloured porous stones (such as White Carrara, Thassos White, Royal Danby, etc.).
- Make sure tile adhesive and bedding are dry prior to grout application, and free from debris, grout spacers or standing water.
- Surface temperature range for installation must be above 4°C and less than 35°C.

**WORKING TIME**

Working time of grout is approximately 80 minutes at 21°C after the components are thoroughly mixed. 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.

**MIXING**

**NOTE:** Wear appropriate personal protection, including gloves and glasses. See SDS.

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

**IMPORTANT:** MAKE SURE TO SQUEEZE ALL THE LIQUIDS OUT OF THE POUCHES. DO NOT SPLIT KITS. USE FULL KITS ONLY.

**NOTE:**
- Fold pouches in half and rollup like a toothpaste tube.
- 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 C colour powder to blended A and B liquids and mix thoroughly with margin trowel or slow speed drill mixer (< 300 RPM). The SPECTRALOCK® PRO Premium Grout unit is designed to use all the Part C colour powder for most applications. For narrow joints, it is acceptable to leave out up to 10% Part C colour powder to produce a more fluid mix.

**MIXING WITH PART D DAZZLE™ POWDER**

- If using Part D DAZZLE Powder: Mix Part D DAZZLE powder into the blended liquids before adding the Part C colour powder. Use one (1) Part D DAZZLE cup per mini unit, four (4) Part D DAZZLE cups per full unit, sixteen (16) Part D DAZZLE cups per commercial unit. Be careful mixing, as Part D DAZZLE powder is light and will become airborne easily.
- Once blended, add Part C colour powder 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 C colour powder.

**NOTE:** You will not be able to add all the Part C colour powder when using Part D DAZZLE powder. Mix to desired consistency.

**GROUTING**

- 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.
INITIAL WASH

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

- Once grout has been spread, wait approximately 20 minutes before cleaning with a damp, not wet sponge (or within one hour of initial mixing of product). Wait longer at colder temperatures. Add initial wash cleaning additive to 7.5 litres 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 dressing and making the joints smooth.

- Drag a clean damp 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.

- Do not use wet sponges or excessive water to clean grout residue from the surface before the grout has taken set.

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 one hour after initial wash has taken place. Prepare another 7.5 litres 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 damp 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 and after grout has taken set), scrub area with mixture of 7.5 litres clean water and 120 ml white vinegar. Conduct a test area to verify results on polished stones.

- Rinse grout surface and repair as required with freshly mixed grout.

- Do not expose grout to acid cleaners for 7 days.

- Allow grout to cure for 10 days at 21°C prior to use in submerged applications or steam rooms. See LATICRETE SPECTRALOCK PRO Premium Grout Product Data Sheet DS-1191 for more information.

- The use of excess water during installation or immersing installations in water before adequate curing will likely cause damage to the grout installation. Manifestations include, whitening of colour, weakening of grout or loss of chemical resistance.

PROTECTION OF SURFACE AND TIME TO TRAFFIC

<table>
<thead>
<tr>
<th>ITEM</th>
<th>4°C</th>
<th>21°C</th>
<th>35°C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Working Time</td>
<td>120 minutes</td>
<td>80 minutes</td>
<td>30 minutes</td>
</tr>
<tr>
<td>Tack Free Time</td>
<td>12 hours</td>
<td>4 hours</td>
<td>2 hours</td>
</tr>
<tr>
<td>Ready for Light Foot Traffic</td>
<td>24 hours</td>
<td>12 hours</td>
<td>6 hours</td>
</tr>
<tr>
<td>Ready for Heavy Foot Traffic</td>
<td>48 hours</td>
<td>24 hours</td>
<td>12 hours</td>
</tr>
<tr>
<td>Stain Resistance, Food Spills, Household Cleaners</td>
<td>14 days</td>
<td>7 days</td>
<td>2 days</td>
</tr>
<tr>
<td>Full Cure</td>
<td>28 days</td>
<td>14 days</td>
<td>7 days</td>
</tr>
</tbody>
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Note: Do not cover with moisture vapour blocking covers like polyethylene till grout is cured.
CAUTIONS

NOTE: Always use protective clothing (gloves, long sleeve shirt and safety glasses) when working with epoxy SPECTRALOCK® PRO Premium Grout*.

KEEP OUT OF REACH OF CHILDREN.

PART AB LIQUIDS CAUTION

This product can be irritating to eyes and skin. Avoid prolonged contact with eyes and skin. In case of direct contact with eyes, wash eyes immediately with water and seek medical attention quickly. Do not swallow.

KEEP OUT OF REACH OF CHILDREN.

PART C Powder Caution

Contains silica sand. Crystalline silica inhaled from occupational sources can cause cancer in humans. Prolonged inhalation of silica sand may cause delayed lung injury including silicosis. May irritate eyes. Avoid contact with eyes. In case of contact, flush thoroughly with water. Do not take internally. Avoid breathing dust. Wear safety glasses and a NIOSH approved dust respirator in dusty areas. For more information consult the SDS for this product. This product contains a chemical which is known to the State of California to cause cancer.

KEEP OUT OF REACH OF CHILDREN.

PART D DAZZLE™ CAUTION

Avoid eye contact or prolonged contact with skin. Wash thoroughly after handling. If eye contact occurs, flush with water for 15 minutes. Avoid inhalation, which can cause breathing problems. Fine particles can become airborne while mixing. Protect work area.

KEEP OUT OF REACH OF CHILDREN.

MAINTENANCE

LATICRETE and LATAPOXY grouts, sealers and sealants require routine maintenance and cleaning with a neutral pH detergent and water. See TDS 1113 for more information. Contact the cleaner manufacturer if another cleaner type will be used to ensure compatibility with the grout.

All other LATICRETE and LATAPOXY non-finish materials require no maintenance but installation performance and durability may depend on properly maintaining products supplied by other manufacturers.

WARNING: This product may cause skin sensitization. Avoid skin contact. Wear gloves when using this product.

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