

Pro-Line Brilliance Grout

Premium Non-Sanded Grout up to 1/8"

Packaging: Available in 10 lb. pails

- * **23 Colors**
- * **Premium Polymer Portland Cement Grout**
- * **Anti-Microbial-Resists Mold & Mildew**
- * **Contributes to LEED®**

Usage: Brilliance Non-Sanded Grout is a premium one-part, polymer modified Portland cement grout that delivers unmatched performance. No additives are required, just mix with water. Brilliance Non-Sanded Grout offers colorfast pigments blended with high quality latex modifiers, antimicrobial additives, and efflorescence reducers. Brilliance Non-Sanded grout provides superior flexural and bond strength, high compressive strength, excellent color control with minimal efflorescence.

Acceptable for joints up to 1/8" in width. Ideal for both residential and commercial applications and designed to withstand the most demanding installations.

ANSI A108.1, A108.4, A108.5, A108.7, A108.10, A118.6, and A118.7

Packaging: Available in 10 lb. pails, please refer to Color Chart for available colors.

Preparatory Work: All debris should be removed from grout joints prior to installation, including excess setting material. This should allow a minimum of 2/3 of the joint to be free and open for grouting material. Dampen all joints and wet the surface prior to placing grout. Joints and surface of tile should be in saturated dry condition with no standing water present. Do not apply grouting material to expansion joints. Ensure a uniform width and depth of all joints.

◆**Expansion Joints:** Expansion joints shall be installed in accordance with local building codes. See EJ171 in T.C.N.A. handbook for details. Areas where there are expansion joints, control joints and cold joints should never be filled with grouting material.

Mix: Add Brilliance Non-Sanded Grout powder to clean, cool water at an approximate rate of 1 quart per 10 lb. pail. Mix thoroughly until smooth, adjusting consistency with small amounts of water if necessary and let grout slake for 10 minutes, then remix by hand or with a low RPM drill (300rpm or less) so as not to entrap air. Do not add additional water or powder after slaking period. The proper consistency is a soft, paste-like mortar. Do not use grout after initial set in bucket. During use, remix grout occasionally.

Application: Fill joints with grout until flush with surface of tile. Use a hard rubber float to spread grout at a 45° angle, this will both fill and compact the joints. Use the same procedure throughout application to achieve a consistent result. Remove excess grout with hard rubber float held at 45° angle to assist with cleaning.

Cleaning: Allow grout to achieve initial set before cleaning procedures begin. Once grout has reached initial set and can be indented slightly when pressed, use barely damp sponge or cheesecloth with clean, potable water to clean surface of tile, using a circular motion. Use a minimal amount of water in this process as too much moisture and aggressive scrubbing can negatively affect grout color intensity and consistency. Use a clean, damp towel to buff surface of tile once cleaning has been completed to remove any residual grout.

◆**Sealing/Staining:** Sealers, waxes, and stains may be used to further enhance the grout by offering richer colors and future prevention of unwanted stains. A period of at least 30 days and complete satisfaction of grout conditions should be allowed before these products are applied. Some sealers may have adverse effects on grout joints, such as softening or discoloration. Try a small test area to be sure.

Caution: Allow a minimum of 10 days before using any chemical cleaners on grout joints. To remove any remaining grout at this point, use a mixture of hot water and TSP (trisodium phosphate). It is not recommended that acid solutions be used. If an acid solution must be used, do not exceed the following ratio:

Pro-Line by Bonded® AllClean Water
2 pounds to 5 gallons

Be sure to saturate the surface of the tile with cool, clean water prior to cleaning with an acid solution and rinse thoroughly once finished with cool, clean water. Test the solution in a small area prior to cleaning large areas to check for grout discoloration. Do not under any circumstances use an acid solution wash to clean the following grout colors: Indigo #43



. Data Sheets are subject to change without notice. For latest revision, check our website at www.bondedmaterials.com.
If an installation or materials should be changed outside the detailed instructions, please contact our technical support dept. for assistance.

◆ Bonded Materials Company ◆

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◆**Curing:** Protect grout from drying out too fast during hot weather conditions. Cover the installation with Kraft paper to slow cure and protect from other trades. Protect Surface from heavy traffic for 72 hours. Protect from freezing for 5-7 days

◆**Limitations:** When used in an area that will be continually wet, it is recommended the installation be allowed to cure a minimum of 14 days and be thoroughly dry prior to water exposure. Pro-Line Brilliance is not affected by prolonged contact with water, but does not necessarily form a waterproof barrier. Chemicals used in the treatment of pools, hot tubs, and ponds can affect cement based grouts over time. Efflorescence is inherent in all Portland Cement based products and is not considered a manufacturing defect.

◆**Coverage as Grout:** per 10 lb. pail

- 1 x 1 x 1/4 tile at 1/8" joint = 30 sq ft
- 2 x 2 x 1/4 tile at 1/8" joint = 60 sq ft
- 4 x 4 x 1/4 tile at 1/8" joint = 120 sq ft
- 6 x 6 x 1/4 tile at 1/8" joint = 180 sq ft
- 8 x 8 x 3/8 tile at 1/8" joint = 150 sq ft
- 10 x 10 x 3/8 tile at 1/8" joint = 180 sq ft
- 12 x 12 x 3/8 tile at 1/8" joint = 220 sq ft
- 16 x 16 x 3/8 tile at 1/8" joint = 300 sq ft

*Coverage amounts will vary depending on depth of joint

◆**Storage:** One year if kept dry in sealed containers.

◆**Safety:** May cause eye, skin, or lung injury. Contains free silica. Prolonged exposure to dust may cause delayed lung disease (silicosis). Eliminate exposure to dust. Use NIOSH approved mask for silica dust. If any mixtures get into the eye, flush immediately and repeatedly with water and consult a physician promptly. Freshly mixed mortar may cause skin injury. Avoid contact with skin where possible and wash exposed areas promptly with water. KEEP OUT OF REACH OF CHILDREN.

◆**Warranty:** Bonded Materials Company ("Bonded Materials") warrants to the original consumer purchaser that its product shall be free from defects in material and workmanship under normal and proper usage for a period of one year following the date of original purchase. Bonded Materials sole liability under this warranty shall be limited to the replacement of the product. The statements, recommendations, and technical information provided are furnished without warranty, representation, inducement or license of any kind; except that it is accurate to the best of our knowledge, or obtained from sources believed by us to be accurate. Bonded Materials makes no warranty for a particular purpose with respect to product sold herein, except quality of components shall be in accordance with Bonded Materials standards. It is expressly understood and agreed that the buyer's sole and exclusive remedy shall be replacement of defective products. Handling and actual use of product are beyond the control of Bonded Materials, therefore, no warranty is made, expressed or implied, as to the results obtained from use of the product or against any claims for infringement of patents resulting from the use of the product. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty will not extend to any product which has been modified in any way or which has not been used in accordance with Bonded Materials printed instructions. Bonded Materials makes no other warranties either expressed or implied. This warranty gives you specific legal rights, and you may have other rights that vary from state to state.

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Pro-Line Brilliance Grout Technical Data (based on 70°F [21°C] and 50% relative humidity)

Meets or Exceeds ANSI A118.6	Values
Initial Set @ 70°F -	2-3 Hours
Final Set	6-8 Hours
Bucket life @ 70°F -	1-2 Hours
Water Absorption	<5%
Compressive Strength ASTM C-109	>3300 psi (232 kg/cm ²)
Shrinkage 7 Days	<0.10%
Tensile Strength 28 Days	>500 psi (35 kg/cm ²)
Flexural Strength 7 Days	>470 psi (33 kg/cm ²)

*Open times vary based on temperature, humidity, substrate, trowel size, and job-site conditions.



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