



Duragrout DS-1596 Unsanded Grout with Polymer for Tiles

Description:

Duragrout is a high-density grout, with excellent adhesion and good manageability. It is made with a mixture of sand-free Portland cement, colored pigments and special chemicals, reinforced with polymers. Is a fast setting and fungus resistant.

Product Advantages:

- Good color retention
- Stain resistant
- Does not crack
- Does not shrink
- For indoor and outdoor use
- For 1/16 "to 1/8" joints (1.5-3 mm)

Use:

This product can be used in any installation, residential or commercial, where widths will not be in excess of 1/8". It is most commonly used with absorptive or semi-vitreous ceramic tiles in both interior and exterior surfaces. Due to its very fine texture, it's an excellent grout for highly glazed tiles to produce a smooth, dense joint.

Colors Available:

- White
- Platinum
- Buff
- Gold
- Sahara
- Almond
- Black
- Niebla
- Pewter
- Antique White

Storage Information:

Protect from freezing; store in a cool, dry place at room temperature. Shelf life 1 year unopened.

Surface Preparation:

This product can be applied to clean, non-glazed joints with 1/8" or less joints. Install the slab firmly according to the conforming materials in the ANSI A108 codes. Some slabs that have porous surfaces may need a sealer before applying the grout. When using dark colored grout, test the slab before beginning the process to determine the degree of protection that should be provided to prevent the slab from being permanently stained. You should expect adhesive solvents to evaporate when using organic adhesive installations before starting grouting while the grout heals.

Technical Data:

Shear Bond:	
ANSI A 118.1	> 400 psi @ 7 days
Compressive Strength:	
ASTM C109	>3,500 psi @ 28 days
Water absorption:	<12% <20% (dry)
Hardness (Shore D)	≥ 70 psi
Contraction:	≤0.20% @ 28 days
Water Absorption:	≤5g @ 4 hours
Hardness:	≤70 psi
Set hours as per ASTM C190	
Initial Set:	2 hrs.
Final Set:	6 hrs.
Packing:	25 lbs (11.3 kg)

Notice: The technical data contained herein are true and accurate to the best of our knowledge. Published technical data and instructions are subject to change without prior notice.

S.D.S.: Available upon request.

Mixing:

To be sure you get optimal results, the same person should mix all the grout. Uniform mixing and cleaning techniques will give uniform results.

1. Mix all contents of this bag in "dry". To avoid color variations in the finished gasket, which may occur as a consequence of the sedimentation of the pigments in their transportation. If you are going to use 2 or more sacks, mix the contents of all sacks in a echo to ensure greater uniformity.

2. In a clean mixing bowl, pour approximately 1-3/4 to 2 quarts (1.75 to 1.9 L) of clean water. Gradually add 25 Lbs (11.3 kg) of Lanco® Duragrout slurry by slowly mixing (approximately 300 RPM). Always add the powder to the water and be very constant in the mixing process.

Note: Do not allow trapped air during prolonged mixing.

3. Mix well until the consistency of a hard paste, homogeneous and without lumps, and uniform tone in color is obtained.

4. Let stand 10 minutes. You should apply all the material mixed in 1 out after mixing. Clean tools with water.

Método de Aplicación:

- To help spread the grout, lightly moisten the surface of the tiles or stones with a clean, damp sponge. Just before applying the grout.
- Do not flood the tiles or leave water in the joints without rubbing.
- Use only a hard rubber floor planer with a sharp edge. Fill joints fully by exerting force to achieve a fully compacted joint without cracks or voids.
- Remove excess grout from the tile or stone surface by moving the planer diagonally to the joint.
- Allow the grout to become firm enough, normally (15-30 minutes).

Cleaning:

- Fill 2 buckets with clean water, one to rinse most of the residue from the grout left in the towel to clean and one to moisten the towel in clean water.
- Dampen a towel and sprinkle all excess water.
- Run the wet towel horizontally diagonally across the surface of the slab or stone from corner to corner to remove remaining residue and to smooth the surface of the grout joint. Continue this procedure by repeatedly washing and darkening the towel. Never use a sponge to remove excess grout.
- Change the bucket of clean water frequently to prevent a fog from forming on the surface of the slab or stone. Avoid excessive use of water on the surface of the grout.
- Leave the surface of the tiles or stone as clean as possible so that there may be only a slight mist. To minimize efflorescence and control the color variation, re-polish the surface of the slabs and grout one to two hours later with a clean, dry cloth or scourer to remove any water or grout residues that may have remained on the surface .
- Clean tools and hands with clean water while the grout is dry. Acid cleaning of the enclosure surfaces is not recommended. Never use acid to clean marble surfaces or glazed tiles, or pigmented entangled surfaces.
- If after normal cleaning there is a persistent haze call for assistance from Lanco® for advice. Efflorescence (a white powder on the surface) can be produced in any Portland cement product. The Lanco grout is made with Portland cement, for this reason Lanco can not guarantee that there will be no efflorescence. If this occurs, the cleaning procedures accepted by the industry must be followed.

Curing and Protection:

- Do not immerse in water and protect from freezing for at least 72 hours after the end of the process.
- For floors, avoid traffic until the grout is completely dry (24 hours usually after grouting).
- For walls protects against impacts, vibrations and hammering on adjacent and opposing walls.
- If the temperature falls below 15 ° C (60 ° F) or if the relative humidity is more than 70% extend the curing and protection time.

Coverage: See table of coverage in Technical Sheet.

Notice: We disclaim all liability for incidental and consequential damages, as defined under the Uniform Commercial Code that occur directly or indirectly, or for any loss caused by the application of these products in a manner that does not conform to the printed instructions and in Force or for the use other than the one for which these products were designed.

Before use, the user determines the suitability of the product for the intended use. The user assumes all risks and responsibilities of any kind in connection with such use. Our liability will be expressly limited to the replacement of defective products. The submission of any claim shall be deemed waived unless it is made in writing within thirty (30) days from the date on which the defect is discovered or reasonably discovered to be defective.

Caution: This product contains the following reportable chemicals in accordance with 29 CFR 1910.1200 of the US Federal OSHA. Crystalline silica, quartz-carcinogen (Pulmonary Fibrosis), Portland cement (Irritant to eyes and skin). This product contains chemicals known to the State of California to cause cancer, birth defects, and other reproductive harm.

Personal Protection During Use: Wear safety goggles and gloves to avoid contact with eyes and skin. Avoid contact with the eyes and skin. Wash thoroughly after handling. If eye contact occurs, rinse with water for 15 minutes. If discomfort continues, call a physician immediately. In case of contact with the skin rinse immediately with water. Discard and wash contaminated clothing and shoes immediately. Do not breathe dust! This product contains free crystalline silica, which can cause cancer and lung injury (silicosis). When mixing the product or in dusty areas use a respirator approved for hazardous dust at all times.

Do not ingest: If ingested by mistake, drink 1 or 2 glasses of water to dilute. Do not induce vomiting. In the event of a chemical emergency, spillage, liquefaction, exposure or accident call CHEMTREC day and night: 1-800-424-9300. Mix only with adequate ventilation and respiratory protection.

Danger / Warning:

Use only with adequate ventilation. Ventilation should be sufficient to limit exposure below the limits of S.D.S.

Warning !: Keep out of the reach of children. Do not eat. In the event of chemical emergencies, call ChemTrec 1-800-424-9300 (USA) or 1-703-527-3887 (International).

Limitations & more information: Read Safety Data Sheet prior to use. Go to www.lancopaints.com. Protect from freezing.



Blanco Group

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