BoquiCrest Ultramax

BoquiCREST Ultramax® is a sanded grout, specially formulated for wider joints from 1/8" to ½" width, offering more intense, consistent and permanent colors. It can be used with porcelain and ceramic tiles, natural stone, glass and mosaic tiles, for interior or exterior installations, on floors and walls.

Provides great stability and have excellent compressive strengths which make them resistant to cracking and wear from traffic. Meets or exceeds ANSI A118.7 requirements.

Benefits

- High resistant to compression and cracking
- Excellent for wet and dry areas
- Ideal for floors and walls (joint widths of 1/8–1/2" [3 to 12 mm])
- Smooth and dense consistency
- Residential and commercial use
- Great stability and consistent colors
- Reduces efflorescence

Suitable Tile Types

- Impervious porcelain tiles
- Ceramic, mosaic, quarry tiles
- Natural stone tiles
- Glass and mosaic tiles

Suitable Installations

- Floors
- Walls
- Ceilings
- Countertops
- Showers

Limitations

- Install only at temperatures between 50˚F and 100˚F (10˚C and 38˚C).
- Color variation can occur due to tile type, tile porosity, jobsite conditions, application and cleaning techniques. Variation can be minimized by following directions and using the minimum amount of water possible for cleanup.
- DO NOT use acidic products to clean colored grout joints.
- Job site conditions may affect the final grout color. Test in a small area to determine your results before grouting the entire installation.
- Keep the area where you applied the BoquiCREST Ultramax® free from traffic at least the first 24 hours.
- In areas such as showers, wait to use at least 48 hours after grouting with BoquiCREST Ultramax®.
- BoquiCREST Ultramax® is a product that contains additives that reduce the water absorption and enhance the performance of the grout, but if you want an increasing of the capabilities such as water resistance, flexibility or intensify color tones, mix BoquiCREST Ultramax® with ADICREST MP PLUS® diluted at 50%.
- For more information on using ADICREST MP-PLUS®, see its data sheet.

- If you use ADICREST MP-PLUS® in temperatures above 100˚F, prepare the mix using 50% ADICREST MP-PLUS®, and 50% clean water and moisten the joints.
- It is important not to use this product in areas exposed to acids and chemicals. For installations that require higher impact ratings and resistance to chemicals and stain is suggested to grout with Epoxy CREST® 2020, 100% solids epoxy grout sanded available in 5 colors.
- In wet areas such as swimming pools installations, fountains, hot tubs and tanks, mix the grout with ADICREST MP-PLUS®, dilute at 50% to reduce the flow of water to the installation. These installations require a minimum cure of 14 days before using.
- Use JuntaCREST Ultramax® unsanded grout for narrow joints of 1/8" or less.
- For the installation on special stones such as green marble or limestone, agglomerate tiles or resin-backed tiles use suitable epoxy or urethane grout. See Irespective Technical Data Sheet for more information or consult www.crest.com.mx for technical assistance.

Packaging

- 22 lb. (10 kg) Bags
- Available in 36 colors

Surface Preparation

Caution: Ceramic tile, marble or stone can be scratched, stained or damaged by sanded or pigmented grout. White grout is generally best for light-colored marble or granite. Test a small area prior to use.

Tiles with high water absorption, surface with high porosity or rough. Textured surfaces and certain types of porcelain tiles may require sealing prior to grouting to prevent staining.

Before starting to grout, remove spacers and debris in grout joints and remove dust and dirt using a wet sponge. Do not leave water standing in joints.

Spaces between the tiles must be clean and free from water, dust, grease, excess adhesive or other impurity that could cause discoloration or pitch on the grout.

BoquiCREST Ultramax® should be applied at least 24 hours after tile installation, making sure that the mortar adhesive is already dry and the tiles well fixed. If the temperature is lower than 50˚ F (10˚C) it is suggested to wait at least 72 hours. See the datasheet of adhesive used.

Use appropriate safety equipment as chemical resistant gloves when handling this product.

Mixing Procedures

For best results, it is preferable to have the same person mix and prepare all BoquiCREST Ultramax® to ensure the consistency of the grout throughout the installation.

Prior mixing the grout with water, dry-blend the product, in order to avoid color variations in the finished grout. If two or more bags of grout are going to be used, dry-blend all of the content together.

Use a clean container to mix the grout, pour 1.7 to 2.0 qts (1.6 to 1.9 lt) of clean water in the container. Gradually add BoquiCREST Ultramax® 22 lb. bag.

Mix by hand or with a slow speed drill (150-200 rpm) thoroughly until the mixture achieves a smooth and lump-free consistency. Let the mixture slake (stand) for 5 minutes and mix again without adding more water and BoquiCREST Ultramax® will be ready to be applied. If the material becomes rigid before using it (approximately 1 hour), mix again without adding water to continue using the product.

Temperatures below 50˚F can cause freezing inhibiting its application and temperatures above 100˚F produce a fast evaporation of water from the mix causing premature drying.

Product Application

Installation must conform to all aspects of ANSI A108.10.

Using a rubber float

For semi-vitreous or non-vitreous tiles slightly moisten the joints with a wet sponge. With a rubber float, spread the BoquiCREST Ultramax® grout in a diagonal way, pressing the mixture to penetrate the spaces or joints, ensuring it is well compacted and free of voids, cracks or fissures spaces.

Remove excess of BoquiCREST Ultramax® grout from the tile surface, moving the grout float diagonally to the joints, the BoquiCREST Ultramax® surface can be leveled with the edge of the tile.

In facilities that are subject to structural micro movements, thermal shock or vibration is suggested the use of flexible joints systems, such as CREST Flexigrout®. See Technical Data Sheet

After grouting the installation is necessary to wait 24 hours before allowing foot traffic. In cold conditions below 50˚F, you may need to wait at least 48 hours.

Cleaning and Maintenance

After BoquiCREST Ultramax® application, wait 10 to 15 minutes, depending on the ambient humidity and temperature, in order to obtain the right hardness and avoid damage to the grout. With a clean damp cloth or sponge, wipe the surface of the tiles in a circular way, rinsing regularly the cloth or sponge in clean water. Finally, wipe the surface with a clean, dry cloth.

To prevent discoloration, efflorescence and soft or powdery joints avoid cleaning with excessive water, the performance of BoquiCREST Ultramax® grout can be affected.

To avoid long term damage do not use acidic cleaners on BoquiCREST Ultramax® grout.
Grout must be completely cured for 21 days before normal cleaning.

Storage

Store in a cool dry area.

Protection

Clean your hands after using the product, avoid eye contact, or prolonged contact with the skin, if eye contact occurs, rinse with water for 15 minutes and consult a physician immediately.
Keep out of the reach of children.

IMPORTANT

We are not responsible for any loss or damage caused due to the application of this product. Prior to application, the user mustconfirm whether the product is suitable for their intended use. The user must assume responsibility for the risks or damages arising from an application other than specified.

Standards and Aprovals

- American National Standards Institute (ANSI) — ANSI A108.10, A118.7, of the American National Standards for the Installation of Ceramic Tile.
- Tile Council of North America (TCNA) - TCNA Handbook for Ceramic Tile Installation, TCNA Method EJ171.
- ISO 13007

Summary Technical Chart

Available:	36 colors
Packaging:	22 lbs. Bags (10 Kg)
Pot Life:	1 hour approx.
Shelf Life:	18 months in a cool dry area, in original packing and unopened.
Installation Temperature:	Between 50/100˚F (10/38˚C)
Mixture Proportion:	1.7 or 2 qt. (1.6 a 1.9 lt.) Clean water for each bag of 22 lbs.
Average Compressive Strength:	4,850 psi (341 Kg/cm2) at 28 days
Humidity absorption	<5%

*Values might vary depending on the tile size, leveling the substrate, conditions and method of installation.

ANSI Specification

Test Method	Requirements	Test Results
Linear Shrinkage 7-days	<0.2%	0.17%
50% R.H. to immersion	<5%	1.86 %
Immersion to Dry	7%	3.27 %
Compressive Strength 28-days	>3,000 psi	4,850 psi
Tensile Strength 28-days	>500 psi	756 psi
Flexural Strength 7-days	>1,000 psi	1,130 psi

Aproximate Product Coverage

Tile size	¼”	3/8”	½”
8"x 8"x 3/8"	113	64	54
12"x 12"x 3/8"	167	102	75
16"x 16"x 3/8"	221	134	102
18"x 18"x 3/8"	247	151	118
20"x 20"x 3/8"	280	167	129

Note:
Average values obtained at 73˚F ± 4˚F and relative humidity of 50 ± 5%. Performance may vary depending on the format and size of the trowel to use as the leveling of the substrate.

Sanded Grout
Cement-based polymer modified meet and exceeds ANSI A118.7
For walls and floors interiors and exteriors
Porcelain, glass, mosaics, ceramic tiles and natural stones
*Monterrey and Mexico plants Certified.

Technical Information

For technical support and assistance, please visit our website at www.crest.com.mx
For questions or comments contact technicalservice@crest.com.mx

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