

Ultramax Universal Grout

CREST
PREMIUM TILE SETTING SOLUTIONS



Ultramax Universal Grout is a versatile grout, designed for joints from 1/16" to 3/4" width, formulated with recycled material and low emission of dust when mixed. Its formula allows it to become a multifunctional grout for different thicknesses, also flexible, fluid and waterproofing, with easy clean up. Suitable for porcelain and ceramic tiles, natural stone, glass and mosaic tiles, for interior or exterior installations, on floors and walls.

Provides a great compressive strength which makes it resistant to cracking and wear from traffic and reduces efflorescence. Meets or exceeds ANSI A118.7 requirements.

Benefits

- Multifunctional grout for walls and floors (joints from 1/16" - 3/4" [2 to 20 mm])
- Excellent resistant to compression and cracking
- Great for wet and dry areas
- Waterproofing
- Flexible
- Easy clean up
- Smooth and fluid consistency
- Residential and commercial use
- Consistent colors
- Reduces efflorescence

Suitable as an Underlayment for

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

Suitable Substrates

- 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 Ultramax Universal Grout free from traffic at least the first 24 hours.
- In areas such as showers, wait to use at least 48 hours after grouting with Ultramax Universal Grout.
- Ultramax Universal Grout 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 Ultramax Universal Grout 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.
- 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 respective Technical Data Sheet for more information or consult www.crest.com.mx for technical assistance.

Packaging

- 25 lb. (11.3 kg) Bags
- Available in 10 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.

- Ultramax Universal Grout should be applied at least 24 hours after installation of the tile, 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.
- 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.

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

Mixing Procedures

For best results, it is preferable that the same person mix and prepare all the Ultramax Universal Grout 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. To apply using a rubber float, pour 2.5 to 2.8 qts (2.4 to 2.6 lt) of clean water in the container. Gradually add Ultramax Universal Grout 25 lb. bag.

Mix by hand or with a slow speed drill (150-200 rpm) thoroughly until mixture achieves a smooth and lump-free consistency. Let the mixture slake (stand) for 2-3 minutes and mix again without adding more water and Ultramax Universal Grout will be ready to be applied. If the material becomes rigid before use it (approximately 1 hour), remix without adding water to continue using it.

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 Ultramax Universal 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 Ultramax Universal Grout from the tile surface, moving the grout float diagonally to the joints, the Ultramax Universal Grout 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 Ultramax Universal Grout 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 Ultramax Universal Grout can be affected.

To avoid long term damage do not use acidic cleaners on Ultramax Universal 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 must confirm 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 Approvals

- 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:	10 colors
Packaging:	25 lbs. Bags (11.3 Kg)
Pot Life:	1 hour approx.
Shelf Life:	6 months in a cool dry area, in original packing and unopened.
Installation Temperature:	Between 50/100°F (10/38°C)
Mixture Proportion:	2.5 or 2.8 qt. (2.4 a 2.6 lt.) Clean water for each bag of 25 lbs.
Average Compressive Strength:	4,270 psi (300 Kg/cm ²) at 28 days
Humidity absorption	<5%
Dust Emission	70% reduction

*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

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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