

XTERIORS™

ALL-WEATHER SOLUTIONS FOR EXTERIOR STYLE

BY  daltile®



Installation Solutions for Pools,
Fountains and Water Features





Per the TCNA Handbook, any submerged glass mosaics must be face-mounted.

Water features such as swimming pools, spas, fountains and reflecting ponds continue to grow in popularity for exterior living lifestyles. As part of the Daltile Xteriors program, Daltile has teamed up with MAPEI to put together comprehensive specifications to ensure proper installation for these features. These features are finished with a wide array of porcelain and glass mosaic tile, which are growing in popularity due to the wide range in color, shapes, sizes and styles.

There are differences in the nonporous nature of glass tile and porcelain mosaic. Glass and porcelain mosaics both require high-bond-strength mortars that can handle vertical surfaces in submerged interior and exterior installations.

Let the expertise of Daltile and MAPEI help you design a water feature that is beautiful and can provide many years of enjoyment. By purchasing a complete system through Daltile, you have the satisfaction of knowing that these systems were designed by professionals and are warranted.



Porcelain Mosaics

15-YEAR WARRANTY SYSTEMS
Repair Mortars (as needed): <i>Planitop® 330 Fast</i> , <i>Planislope™ RS</i> or <i>Modified Mortar Bed</i>
Bonding Mortar: <i>Granirapid®</i> System
Crack Isolation / Waterproofing: <i>Mapelastic® Turbo</i>
Grout/Sealant: <i>Ultracolor® Plus FA</i> / <i>Ultracolor Plus Max</i> / <i>Mapesil® T Plus</i>

10-YEAR WARRANTY SYSTEMS
Repair Mortars (as needed): <i>Planitop 330 Fast</i> , <i>Planislope RS</i> or <i>Modified Mortar Bed</i>
Bonding Mortar: <i>Keraflex™ Super</i>
Crack Isolation / Waterproofing: <i>Mapelastic Turbo</i>
Grout/Sealant: <i>Ultracolor Plus FA</i> / <i>Ultracolor Plus Max</i> / <i>Mapesil T Plus</i>

Glass Mosaics

15-YEAR WARRANTY SYSTEMS
Repair Mortars (as needed): <i>Planitop 330 Fast</i> , <i>Planislope RS</i> or <i>Modified Mortar Bed</i>
Bonding Mortar: <i>Granirapid</i> System (white only)
Crack Isolation / Waterproofing: <i>Mapelastic Turbo</i>
Grout/Sealant: <i>Ultracolor Plus FA</i> / <i>Ultracolor Plus Max</i> / <i>Mapesil T Plus</i>

10-YEAR WARRANTY SYSTEMS
Repair Mortars (as needed): <i>Planitop 330 Fast</i> , <i>Planislope RS</i> or <i>Modified Mortar Bed</i>
Bonding Mortar: <i>Adesilex™ P10</i> with <i>Keraply®</i> latex additive
Crack Isolation / Waterproofing: <i>Mapelastic Turbo</i>
Grout/Sealant: <i>Ultracolor Plus FA</i> / <i>Ultracolor Plus Max</i> / <i>Mapesil T Plus</i>

Note: The selection of these installation products and their use are based upon appropriate climatic conditions.

Please refer to the Xteriors hardscapes warranty brochure to add a fully warranted hardscapes installation to complete your project.

Exterior: Pools, fountains and water features

System solutions for beautiful submerged environments



SURFACE PREP

Modified Mortar Bed is a pre-blended, cement-based, polymer-modified, thick-bed and render mortar that does not require the use of a latex additive to function as an exceptionally strong mortar.

Another of MAPEI's render mortars, *Planitop 330 Fast*, is faster-setting for wall applications and offers non-sag/nonslump, nonshrinking properties. It is also ideal for submerged applications and works well in freeze/thaw environments.

MAPEI's pre-blended *Planislope RS* does not require the use of a latex additive to create an exceptionally strong mortar. The rapid-setting nature of this product allows you to set tile in 1 to 2 hours. Formulated for use in wet and dry environments, *Planislope RS* is easy to apply and has a smooth finish.

WATERPROOFING

Mapelastico Turbo premium, rapid-drying, waterproofing and crack-isolation membrane is also an approved product for waterproofing when time is a consideration. It features a two-component, rapid-drying, cementitious-binder-based membrane with fine-grained selected aggregates, special admixtures and synthetic polymers in water dispersion that is easily applied via a roller or brush. *Mapelastico Turbo* is rapid-setting, letting you tile in as little as 90 minutes and flood-test after 3 to 4 hours.

Glass tiles continue to grow in popularity along with increasing availability in shapes, sizes and styles. But the nonporous nature of glass tile requires high-bond-strength mortars that can handle their use on vertical surfaces.

Whether your glass tile installation is interior or exterior, dry or submerged, MAPEI has an installation system that will protect your investment in the long term, no matter what challenge your installation presents.

Note: MAPEI Corporation's mortars and grouts for ceramic and glass tile meet or exceed the specified requirements of ANSI A137.2, the American National Standard Specification for Glass Tile.

Note: A sample should be grouted of any glass tile to ensure the grout will not scratch the glass.

MORTARS

Used for installations of face-mount, mesh-mount or dot-mount glass mosaic tiles, MAPEI's *Granirapid*® White is a premium rapid-setting mortar system, the industry's first and best fast-curing system designed for fast-track projects. *Granirapid* is formulated with MAPEI's High-Hydrated Cement Technology (HCT™), allowing it to develop high early mechanical strength and superior drying-out characteristics for quick curing so that grout can be applied after 3 to 4 hours. *Granirapid* does not contribute to efflorescence. And when installed in conjunction with *Ultracolor Plus FA* or *Ultracolor Plus Max* grout, *Granirapid* will allow water submersion in only 72 hours.

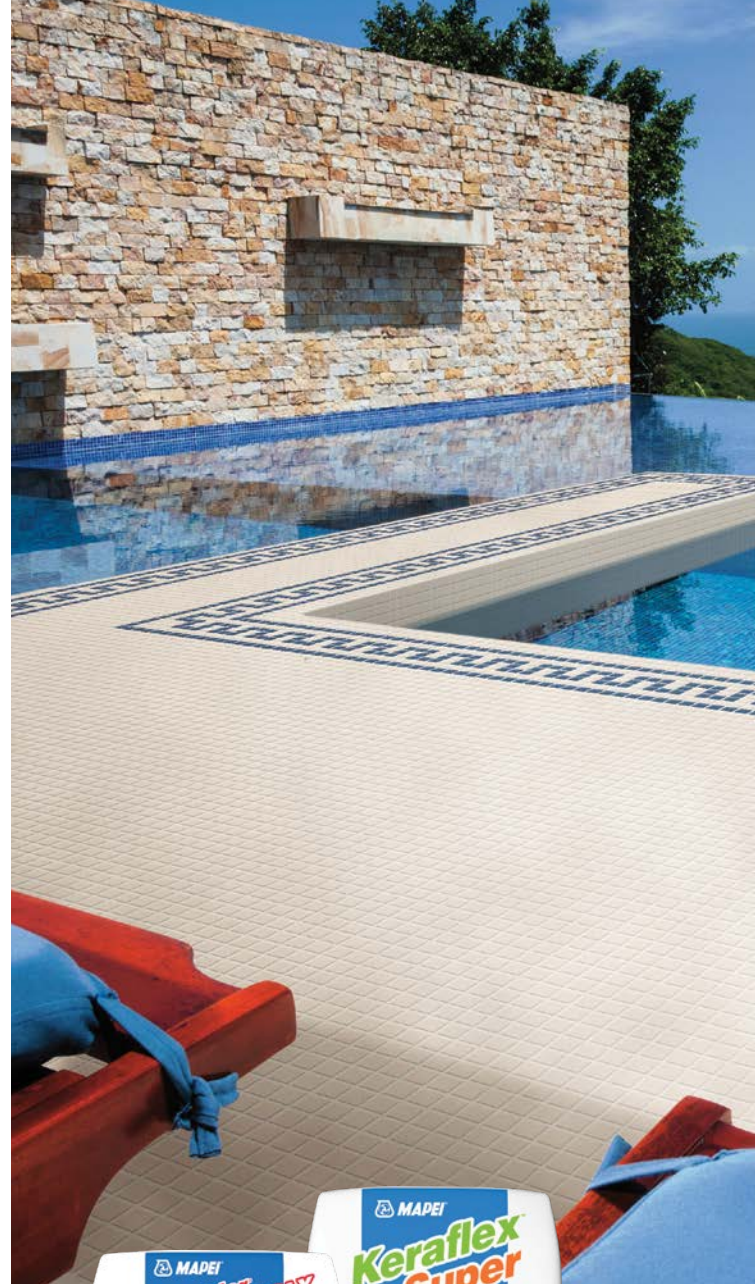
· To install transparent, translucent or opaque glass mosaic tiles: Use *Keraflex Super* polymer-modified mortar or *Adesilex P10 Mosaic & Glass Tile* mortar with *Keraply*. *Keraply* is a professional-grade, acrylic latex admixture used to enhance the performance of MAPEI's non-modified, dry-set mortars as well as *Adesilex P10* glass tile mortar. The bright white color formulation of *Adesilex P10* glass tile mortar enhances the color of the glass tile. The non-sag properties and creamy paste consistency make it an ideal product for vertical applications where nonslip performance and full coverage are demanded. The inclusion of *Keraply* latex additive enhances bond strength, flexural strength and elongation properties of the mortar installation for premium end-use requirements.

GROUTS

Grout the glass tile using either *Ultracolor Plus FA* or *Ultracolor Plus Max*. Both products are high-performance grouts formulated with MAPEI's High-Hydrated Cement Technology. When *Granirapid* is used in conjunction with *Ultracolor Plus FA* or *Ultracolor Plus Max*, the installation will allow water immersion as soon as 72 hours after completion, compared with 28 days for traditional systems. *Ultracolor Plus FA* and *Ultracolor Plus Max* are rapid-setting, "all-in-one" grout replacements for sanded and unsanded grouts. Designed for joint widths from 1/16" to 3/4" (1.5 to 19 mm), *Ultracolor Plus FA* and *Ultracolor Plus Max* are color-consistent and nonshrinking, and do not promote efflorescence.

SEALANT

For filling and protecting movement joints, *Mapesil T Plus* professional-grade, 100%-silicone sealant can be used on multiple substrates. This product is specifically formulated for heavy traffic and expansion/movement joints. Note: 7-days curing time before pool filling. The resistance of *Mapesil T Plus* to chlorine is dependent on the pH value of the water and the amount of free chlorine. A pH value between 6.5 and 7.6 is required, and the free chlorine remains less than 5 mg per L (5 ppm).



Complete Tile and Stone Installation Systems | Provided by MAPEI Corporation

Most of MAPEI Corporation's facilities have been certified to ISO 9001 and ISO 14001 standards. As leaders in the building industry's sustainability efforts, we offer current and relevant third-party-verified certifications and sustainability documentation, such as:



MAPEI produces a wide variety of products that meet or exceed the stringent requirements of green building standards and certification programs that include:



This is just a sample of MAPEI's sustainability efforts. A complete picture is provided in our Sustainability Report, which documents our efforts to promote environmental consciousness on a company-wide basis. To view the Sustainability Report, visit this link on MAPEI's Website: <https://bit.ly/3Mu9FMc>.

As we say at MAPEI, "Sustainability is built into everything we do." For more information about our sustainability efforts, visit this link on MAPEI's Website: <https://bit.ly/3s1GhDm>.

Rapid-setting mortars and grouts, such as *Granirapid System* and *Ultracolor* grouts, do not contain Portland cement and therefore do not contribute to efflorescence. Efflorescence is the fine, white, powdery deposit of water-soluble mineral salts that forms on the surface of typical Portland-cement-based materials. To learn more about efflorescence, visit this link on MAPEI's Website: <https://bit.ly/3TqwnH5>.



Warranty

Daltile is the sole provider of this all-inclusive installation and setting materials systems warranty, provided that the tile, natural stone, Xteriors products **and** the specified installation materials are purchased from Daltile. Proof of purchase is required for any claim. If products fail, the defective item will be repaired or replaced and an allowance for flooring material and labor costs will be included.

IMPORTANT: Additional terms, conditions, limitations and exclusions apply to this installation system warranty.

OTHER DALTILE WARRANTIES

Implied Warranties Limited in Duration and Scope

Any implied warranty applicable to the product sale, including the implied warranty of merchantability or the implied warranty of fitness for a particular purpose is limited in duration to the duration of this written warranty or the maximum statutory period, whichever is less. Some states do not allow limitations on implied warranty duration, so the above limitation may not apply to you.

The Federal Magnuson-Moss Warranty Act limits disclaimers of implied warranties involving consumer products. To the maximum extent allowable by federal and state law, this warranty supplements or supersedes federal and state consumer goods warranty protections

Implied Warranty of Fitness for a Particular Purpose

Daltile provides detailed information in its product literature with regard to appropriate tile and stone applications. In these specified applications, Daltile limits the duration of the implied warranty of fitness for a particular purpose to one year or the maximum statutory period prescribed by law, whichever is less. Failure to comply with recommended applications voids this warranty.

Natural stone products are mined and cut from natural formations. Because these products are not subject to a manufacturing process, quality warranties are limited to the specified representations in product literature and guidelines established by the Marble Institute of America. Daltile does not warrant natural stone products for shade, size, thickness, warping, cleft variations, surface finish variations, or other natural variances on stone products.

Remedy Limitation and Disclaimer

If a defect in materials is discovered within the one-year period, Daltile will either refund the price of the product or provide a replacement product after a reasonable number of attempts to remedy product defects. Buyer's remedy is limited to replacement or repair of the defective product. No consequential (including, but not limited to, lost profits) or incidental damages are recoverable. Daltile disclaims all express warranties not contained in this limited express warranty. Any representations made in connection with the sale of this product that differs from the terms of this warranty are not valid and should be brought to the attention of Daltile immediately (1-800-933-TILE).

Legal Notice: Warning! Tile and installation products contain chemicals known to the state of California to cause cancer, birth defects, reproductive harm, respiratory harm or other health problems. For more product-specific information on chemical content, obtain an MSDS at Daltile.com or contact Daltile at 1-800-933-TILE.

TO MAKE A CLAIM

1. The original purchaser must notify a Daltile Sales Service Center or an authorized representative in writing within 30 days of the occurrence of any defect. Proof of purchase documents is requested.
2. After notification, Daltile or an authorized representative will inspect and/or test the product for defect and complete a Product Claim Action form. No claim will be honored without product inspection by Daltile or an authorized representative.
3. Upon determination that the product defect claim is valid, Daltile will notify the purchaser in writing. Daltile reserves the right to repair, replace or refund the originally purchased product at its sole discretion.

ALL PRODUCTS SHOWN MUST BE INSTALLED ACCORDING TO THEIR PRODUCT LITERATURE.

MAPEI Technical Services Support Center • www.mapei.us • 1-800-992-6273

Daltile Support Center • 1-800-933-TILE (8453)



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Technical Services

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Customer Service

1-800-42-MAPEI (1-800-426-2734)

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