



OUTDOOR CONSTRUCTION MATERIALS

Pools, decks, landscaping and more



System Solution In the Spotlight

Waterproofing and drainage



Exterior coatings



Raised floors



Turf installation



Tile and stone grout



Tile, stone and paver mortars



Sealants and joint fillers



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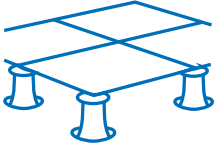
UltraCare Heavy-Duty Stone, Tile & Grout Cleaner

Tile and stone cleaners



Concrete resurfacers





Raised floors

MAPEI's system for installing raised floors

For easy and fast installations that require no grouts or movement joints, our pedestals can be used with ceramic tile, porcelain pavers, concrete pavers, natural stone and decking.



PP level DUO MAXI

Modular system for raised exterior floors

PP level DUO MAXI System is ideal for transforming unused patios and rooftops into desirable living spaces. The pedestal system raises/elevates the pavers and levels the floor by compensating for a sloped substrate up to 5%, thanks to the self-leveling head. This modular system allows for easy maintenance and access to conduits, waterproofing and drainage systems beneath the pavers. The resulting open joints between pavers allow for water to flow through the assembly, eliminating the risk of freeze/thaw damage. Pedestal heads are automatically self-leveling or can be easily converted into fixed heads with the use of the *PP level DUO MAXI* locker ring.

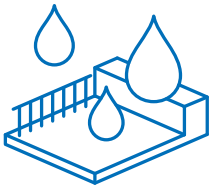


PP level MINI

Modular pedestal system for low-height applications

PP level MINI System is ideal for transforming unused patios and rooftops into desirable living spaces. The product is laid dry, without adhesives or other fixings. The resulting open joints between pavers allow for water to flow through the assembly, eliminating the risk of freeze/thaw damage.





Waterproofing and drainage

MAPEI's outdoor waterproofing and drainage products provide robust protection against water infiltration, ensuring long-lasting durability for decks, balconies, terraces and foundations. Our innovative solutions prevent damage and promote efficient water management.



Planiseal CR1

Single-component, 100%-solids, cold-fluid-applied, structural waterproofing membrane

Planiseal CR1 is a fast-curing, 100%-solids, cold-fluid-applied, single-component, moisture-curing, structural waterproofing membrane that will not shrink and is VOC-compliant in virtually all municipalities. Very low in odor, it is well suited for use in and around occupied spaces. Thanks to advanced proprietary technology, this single-grade membrane can be used in horizontal as well as vertical applications, maximizing versatility. *Planiseal CR1* can be applied by roller, brush, trowel or squeegee.



Mapelastick Turbo

Premium, rapid-drying, waterproofing and crack-isolation membrane

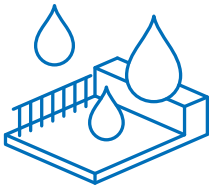
Mapelastick Turbo is a two-component, rapid-drying, cementitious-binder-based membrane with fine-grained selected aggregates, special admixtures and synthetic polymers in water dispersion for interior and exterior installations under ceramic tile or stone in residential, commercial and industrial intermittent wet or submerged environments. Applied easily with a roller or brush, *Mapelastick Turbo* provides an excellent barrier to protect adjacent rooms and floors below from water damage. *Mapelastick Turbo* exceeds ANSI A118.10 and ANSI A118.12 standards and is compatible with polymer-modified cement-based mortars (ANSI A118.4 or better) or epoxy mortars (ANSI A118.3).



Mapelastick AquaDefense

Premium waterproofing and crack-isolation membrane

Mapelastick AquaDefense is a premixed, advanced liquid-rubber, extremely quick-drying waterproofing and crack-isolation membrane for installation under ceramic tile or stone in residential, commercial and industrial environments. *Mapelastick AquaDefense* provides a thin, continuous barrier to protect adjacent rooms and floors below from water damage. For common problem areas like coves, corners, cracks and drains, it can be combined with MAPEI's optional *Reinforcing Fabric* or *Mapeband*™ accessories (cove roll and drain flash) to provide additional protection. *Mapelastick AquaDefense* dries after about 30 to 50 minutes and is then ready to receive any MAPEI polymer or epoxy mortar. *Mapelastick AquaDefense* can be flood-tested after 12 hours of drying time, is IAPMO-listed for use as a shower-pan liner, and exceeds ANSI A118.10 and ANSI A118.12 standards.



Waterproofing and drainage (continued)



Mapedrain TD Drainage Composite

High-strength, high-flow drainage composite for foundations

Mapedrain TD Drainage Composite is a high-strength, three-dimensional modular drainage and collection composite for foundations. It consists of a nonwoven filter fabric that is bonded to and wrapped around a molded polypropylene core, minimizing fabric intrusion into the drainage channels that can be caused by overburden pressure. The filter fabric allows water to pass freely into the drainage core, which provides hydrostatic relief while preventing the passage of soil or sand particles that might clog the core. *Mapedrain TD Drainage Composite* is designed to replace a conventional gravel-covered pipe drain.



Mapedrain 35

High-strength, high-flow, prefabricated drainage composite with woven filter fabric and protective film

Mapedrain 35 is a high-strength, three-dimensional drainage composite. It consists of a woven filter fabric bonded to individual dimples of a molded polypropylene core, minimizing fabric intrusion into the drainage channels caused by overburden pressure. The filter fabric allows water to pass freely into the drainage core, which provides hydrostatic relief while preventing the passage of soil or sand particles that might clog the core. *Mapedrain 35*'s woven, monofilament fabric withstands high abrasion from applied overburden and prevents intrusion into the drainage core due to its low elongation characteristics. As such, the woven fabric is better suited to receive direct poured concrete than nonwoven geotextile fabrics. *Mapedrain 35* also has a polymeric protective film on the back side to provide additional protection to waterproofing membranes.

Also available in different laps: *Mapedrain 10*, *Mapedrain 20*, *Mapedrain 30*, *Mapedrain 40* and *Mapedrain 50*



Mapedrain TD Fittings

Fittings for installing Mapedrain TD Drainage Composite

Mapedrain TD Fittings consist of end outlet, side outlet, splice and corner fittings that are made out of polyethylene and assist in installing *Mapedrain TD Drainage Composite*. The end outlet fitting connects the end of *Mapedrain TD Drainage Composite* to a 4" (10 cm) corrugated pipe. The side outlet fitting connects the side of *Mapedrain TD Drainage Composite* to a 4" (10 cm) corrugated pipe. The splice fitting connects two pieces of *Mapedrain TD Drainage Composite* end to end. And the corner fitting connects two pieces of *Mapedrain TD Drainage Composite* together, at the inside or outside corners of a building.



Concrete resurfacers

MAPEI's outdoor concrete resurfacing products restore and renew worn or damaged surfaces with durable, high-performance coatings. Ideal for driveways, patios and walkways, they provide a fresh look and enhanced protection.



Concrete Renew

High-performance concrete resurfacer

Concrete Renew is a one-component, polymer-modified, cementitious material for the resurfacing of existing concrete to provide a like-new look to concrete surfaces.



Concrete Renew Fine

Fine-grade concrete resurfacer

Concrete Renew Fine is a one-component, polymer-modified, cementitious material formulated with a finer aggregate than *Concrete Renew* to give a smoother finish when resurfacing existing concrete.

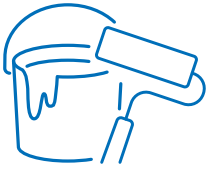


Mapecem Quickpatch

High-performance concrete patch

Mapecem Quickpatch is a high-performance, fast-setting, cementitious material used for the patching of concrete surfaces. This product features a very low emission of volatile organic compounds and includes an offset of greenhouse gas emissions.





Exterior coatings

Whether they are applied directly to an existing prepared substrate, combined with a MAPEI repair mortar or used to create a waterproofing system, *Mapecoat Deck T* and *Mapecoat Deck S* are formulated to provide an attractive and durable wear surface for a variety of pedestrian and light wheeled-traffic applications.



Mapecoat Deck T

High-build, textured, acrylic deck coating

Mapecoat Deck T is a water-based, slip-resistant coating specially designed for use on new and previously coated concrete. *Mapecoat Deck T* creates an attractive, durable wear surface for residential and commercial indoor/outdoor decks, balconies and walkways. It offers enhanced durability to withstand pedestrian and light vehicular traffic with the convenience and easy application of a single-component product.



Mapecoat Deck S

Acrylic urethane coating

Mapecoat Deck S is a water-based, urethane-modified, acrylic coating specially designed for use on new and previously coated concrete and other properly prepared substrates. *Mapecoat Deck S* has an attractive, low-sheen finish that creates a durable wear surface for residential and commercial indoor/outdoor floors, decks, balconies and walkways. An optional high-gloss clear coat can be used to provide additional protection and dimension for creative effects or broadcast elements. *Mapecoat Deck S* offers enhanced adhesion and durability to withstand pedestrian and light vehicular traffic with the convenience and ease of application of a single-component product.





Sealants and joint fillers

Mapesil T Plus and *Mapeflex P1 FT* are high-performance sealants designed for flexibility and durability. Ideal for interior and exterior use, they provide lasting protection against movement, moisture and weather.



Mapesil T Plus

100%-silicone sealant with enhanced adhesion for heavy traffic and expansion/movement joints

Mapesil T Plus is a professional-grade, 100%-silicone sealant with enhanced adhesion for use on multiple substrates. This product is specifically formulated for heavy traffic and expansion/movement joints exceeding both ASTM and ANSI standards.

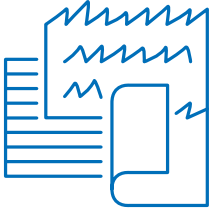


Mapeflex P1 FT

One-component, nonsag, elastomeric polyurethane sealant

Mapeflex P1 FT is a high-performance, one-component, fast-track, elastomeric, moisture-cured, polyurethane sealant and adhesive. *Mapeflex P1 FT* offers excellent adhesion to most surfaces, superior gunning and tooling, and excellent flexibility for moving joints.





Turf installation

Our outdoor turf adhesives deliver strong, long-lasting bonds for artificial grass installations. Designed to withstand the harshest weather conditions, they ensure secure, seamless applications for sports fields, playgrounds and landscaping projects.



Ultrabond Landscape Turf CG

Commercial-grade, landscape turf adhesive

Ultrabond Landscape Turf CG is a commercial-grade adhesive ideal for indoor and outdoor landscaping synthetic turf installations. *Ultrabond Landscape Turf CG* has excellent all-weather resistance with superior bond strength and can be used for full spread and seaming installations.



Ultrabond Turf MS

Premium, hybrid, synthetic turf adhesive

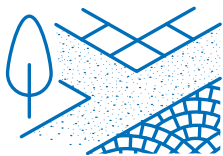
Ultrabond Turf MS is a high-tack, fast-setting, one-component, modified-silane hybrid adhesive designed for installation of high-performance synthetic sports turf. *Ultrabond Turf MS* meets FIFA bond requirements and is suitable for installation in most weather conditions. *Ultrabond Turf MS* is colored green to blend in with most synthetic turf products.



Ultrabond Landscape Tape

Seam tape for landscaping synthetic turf

Ultrabond Landscape Tape is a low-density, PET-based, spun-bonded, nonwoven fabric tape designed specifically to work with *Ultrabond Landscape Turf CG* adhesive for seaming landscaping synthetic turf. *Ultrabond Landscape Tape* is waterproof and provides excellent tensile strength and tear resistance. *Ultrabond Landscape Tape* is the ideal seaming base for installations of all landscaping synthetic turf.



Tile, stone and paver mortars

MAPEI's outdoor mortars for tile, stone and pavers provide exceptional adhesion and weather resistance. Designed to withstand the elements, they ensure long-lasting durability and performance in any exterior environment.



Granirapid System

Premium, rapid-setting, flexible tile mortar

Granirapid is the industry's first and most flexible, high-performance, fast-curing mortar system geared for fast-track projects. It develops high, early mechanical strength and can be specified for the most demanding tile applications. Thanks to MAPEI's High-Hydrated Cement Technology (HCT™), *Granirapid* offers superior drying-out characteristics for quick curing and does not contribute to efflorescence. When installed in conjunction with *Ultracolor Plus FA* grout, *Granirapid* will allow water submersion in only 72 hours.



Keraflex Super

Premium, extra smooth, large-and-heavy-tile mortar with polymer

Keraflex Super is a highly versatile, nonsag/nonslump, large-and-heavy-tile mortar and thin-set mortar for tile and stone for installations on floors, walls and countertops. This polymer-modified mortar has a high content of a unique dry polymer, resulting in excellent adhesion to the substrate and tile, with enhanced resistance to freeze/thaw environments. This product features a very low emission of volatile organic compounds and includes an offset of greenhouse gas emissions. It is formulated with Easy Glide Technology™ for ease of application and with a consistency that allows adjustability when used with lippage control systems. *Keraflex Super* can also be used as a mortar over uncoupling, crack-isolation, sound-reduction and waterproofing membranes.



Ultraflex LFT

Premium, large-and-heavy-tile mortar with polymer

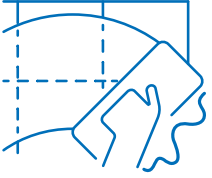
Ultraflex LFT is a premium, nonsag, large-and-heavy-tile mortar and thin-set mortar designed for large-format and heavy tile and stone for interior/exterior floor, wall and countertop installations. This mortar has a high content of unique dry polymer, resulting in excellent adhesion to the substrate and tile. It is formulated with Easy Glide Technology™ for ease of application.



MAPEI Ultralite Mortar

Premium, lightweight mortar with polymer for large and heavy tile

MAPEI Ultralite Mortar is a premium-grade, lightweight, single-component mortar for large-and-heavy-tile and nonsag applications, and that can also be used for thin-set mortar installations. This high-performance, polymer-modified mortar features a very low emission of volatile organic compounds and includes an offset of greenhouse gas emissions. It is formulated with Easy Glide Technology™ for ease of application, and with BioBlock® technology for mold and mildew resistance. *MAPEI Ultralite Mortar* utilizes Ultralite Technology™ for twice the coverage of a standard thin-set mortar per pound/kg and contains more than 20% recycled content.



Tile and stone grout

MAPEI's grout for outdoor tile, stone and pavers is formulated for durability and weather resistance. It offers superior color consistency, stain resistance and strength to withstand the toughest exterior conditions.



Ultracolor Plus FA

Rapid-setting, "all-in-one" grout replacement for sanded and unsanded grouts

Ultracolor Plus FA – with DropEffect™ technology and CO₂ emissions fully offset in the product's life cycle – is an ultra premium, fine-aggregate, fast-setting, polymer-modified, color-consistent, nonshrinking, efflorescence-free grout for joint widths from 1/16" to 3/4" (1.5 to 19 mm). DropEffect reduces surface absorption to help repel water, dirt and grime from penetrating grout joints. *Ultracolor Plus FA* is specially formulated with MAPEI's High-Hydrated Cement Technology (HCT™) to eliminate common problems such as color consistency and efflorescence. Along with offering higher polymer content, HCT reduces absorption and increases stain resistance when compared with standard-performance cement grouts.



Sealers

MAPEI's sealers provide maximum resistance to stains, water and chlorides for outdoor stone, tile and grout installations. Easy to use and durable, they ensure lasting protection and beauty for any exterior surface.



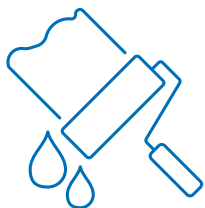
UltraCare Penetrating Plus SB Stone & Porcelain Tile Sealer

UltraCare Penetrating Plus SB Stone & Porcelain Tile Sealer is a premium, natural-look, solvent-based penetrating sealer that uses VOC-exempt materials and will provide maximum protection against most common stains for all interior and exterior natural stone (marble, limestone, sandstone, slate, granite, travertine, etc.), unglazed porcelain and ceramic tiles, masonry, quarry tiles and cement grout. The product can also be used as a pre-grouting sealer.



UltraCare Penetrating SB Stone, Tile & Grout Sealer

UltraCare Penetrating SB Stone, Tile & Grout Sealer is a natural-look, solvent-based penetrating sealer that provides maximum protection against most common stains. It is safe for use on all interior and exterior natural stone (marble, limestone, sandstone, slate, granite, travertine, etc.), unglazed porcelain and ceramic tiles, masonry, quarry tiles and cement grout. The product can also be used as a pre-grouting sealer.



Sealers (continued)



UltraCare Enhancing Plus Stone Sealer

UltraCare Enhancing Plus Stone Sealer is a premium, color-enhancing penetrating sealer that enhances the natural colors of stone and provides maximum protection against most common stains. It is safe for use on all interior and exterior natural-stone surfaces, such as marble, limestone, sandstone, slate, granite, travertine and cementitious grout. The product can also be used as a pre-grouting sealer.



UltraCare Enhancing Stone Sealer

UltraCare Enhancing Stone Sealer is an economical, color-enhancing penetrating sealer that enhances the natural colors of stone and provides protection against most common stains. It is safe for use on all interior and exterior natural-stone surfaces such as marble, limestone, sandstone, slate, granite, travertine and cementitious grout. The product can also be used as a pre-grouting sealer.



Planiseal WR

Penetrating, water-based, silane/siloxane water repellent

Planiseal WR is a silane/siloxane-blend, water-repellent, transparent sealer that provides resistance to water, dirt and chlorides.



Planiseal WR 40

Water-based, 40%-silane, penetrating water repellent

Planiseal WR 40 is a water-based, 40%-silane, penetrating water repellent and sealer designed to protect concrete and masonry against moisture/ chloride intrusion.



Sealers (continued)



Mapecure CS

Solvent-based, pure acrylic concrete sealer

Mapecure CS is a 100%-pure acrylic polymer concrete sealer designed to protect and enhance cured concrete. Mapecure CS produces a non-yellowing, satin finish film that highlights the appearance of decorative concrete, including stamped concrete, colored concrete pavers and acid-stained concrete.



Mapecure CS WB

Glossy, water-based, acrylic sealer

Mapecure CS WB is a one-part, water-based, transparent, glossy sealer designed for protecting concrete surfaces – from highly textured stamped concrete to smooth self-leveling toppings.



Tile and stone cleaners

MAPEI's *UltraCare* cleaners offer highly concentrated, professional-strength solutions for maintaining outdoor stone, tile and grout. Designed for ease of use, they effectively remove dirt and stains, preserving surfaces' appearance and longevity.



UltraCare Acidic Tile & Grout Cleaner

UltraCare Acidic Tile & Grout Cleaner is a highly concentrated acidic cleaner formulated to remove cement grout haze, mortar residue, mineral deposits, rust stains and efflorescence from tile, concrete and masonry surfaces. It is also effective for removing hard-water stains, lime deposits and soap scum. This product contains no phosphates.



UltraCare Heavy-Duty Stone, Tile & Grout Cleaner

UltraCare Heavy-Duty Stone, Tile & Grout Cleaner is a highly concentrated and high-alkaline cleaner and degreaser. This product is formulated to quickly remove most waxes, grease, oil, light soap scum, and stains from mildew and algae. It is quite effective at removing most factory-applied waxes and floor finishes, and is ideal for areas that have been neglected or subject to heavy use.

SUSTAINABILITY

is built into everything we do

MAPEI's processes focus on sustaining the environment for today and tomorrow.
We call it **"The 3 P's of MAPEI: People, Planet and Products"**



PEOPLE

MAPEI's corporate vision, including our Code of Ethics, has always included the philosophy of sustainability.



PLANET

Our operational processes are designed to reduce our carbon footprint and maximize our environmental "handprint."



PRODUCTS

With many sustainable attributes and certifications, our products can contribute to a variety of green building standards and certification programs.

CO₂ ZERO
FULLY OFFSET IN THE ENTIRE LIFE CYCLE



For more information about our sustainability commitment, visit www.mapei.com/us/en-us/about-us/sustainability/zero

Learn More



#HealthandtheEnvironment #MAPEIusa



MAPEI USA





Learn more



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