

# TILE & STONE INSTALLATION SYSTEMS

- · Surface-Preparation Products
- · Mortars, Additives and Mastics
- $\cdot$  Grouts
- · Ready-To-Use Products
- · Tile Installation Accessories
- · Finishing and Care Products



# 16 PRODUCT LINES OF THE U.S.A.

6 Tile & Stone Floor Covering Products for Products for Profiles for UltraCare Stone, Tile, Grout Care Installation Sports Flooring Wood Flooring Floors and Installation Systems and Maintenance Systems Coverings Solutions 8 10 Skirting Boards Raised Floors Concrete Cementitious Products for Waterproofing Restoration and Resin Structural Systems Systems Flooring Systems Strengthening Products for Admixtures Cement Products for Underground for Concrete Additives the Marine Construction Industry

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# A WORLDWIDE LEADER

Originally established in 1937, today MAPEI is a privately owned global corporation headquartered in Milan, Italy, with 102 subsidiaries in 57 countries and 90 plants in 35 nations. The company specializes in manufacturing chemical products for building, including waterproofing products, specialty mortars and admixtures for concrete, products to restore historic buildings, and decorative and protective coatings for concrete surfaces. In addition, MAPEI is the world leader in the manufacturing of mortars, grouts, adhesives and complementary products for installing all types of floor and wall coverings. MAPEI Corporation, the division responsible for supporting the North American markets, is based in Deerfield Beach, Florida, and employs over 1,500 team members – ranging from Manufacturing and R&D to Technical Services and Sales. The Canadian subsidiary MAPEI Inc. supports those efforts with about 360 additional employees.



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# SUPERIOR PRODUCTS

# A Complete Range of Products

MAPEI produces the most innovative products for the construction market. More than 7,000 products globally (adhesives, sealants, mortars, admixtures, latex, etc.) are manufactured in MAPEI's plants, which produce the world's most complete range of building products. Diversified, high-quality chemical products – from powdered adhesives, to liquid and paste products, to polymers – are created to meet the needs of more than 70,000 customers around the world.

# **Quality Control**

MAPEI is an ISO 9001-2000 certified company. Its products are produced according to exacting standards, strictly adhering to process and procedural guidelines with documented compliance. This rigid production format is vigilantly followed to ensure that every product is produced uniformly from batch to batch.



# PROFESSIONAL SUPPORT NETWORK

# **Knowledgeable Sales Force**

MAPEI offers the largest, most highly trained sales force within the industry to serve your needs for product application/installation recommendations. Its sales representatives are focused on supporting you with product knowledge, product demonstrations, product information, marketing support materials and other relevant tools to help you generate sales.

# **Technical Expertise**

An in-house Technical Services Call Center responds to customers' telephone inquiries with answers to installation challenges in real time. In addition, MAPEI can offer field support for job startups, product training and on-site problem resolution.



# **Customer Service Plus**

MAPEI's standards for customer service are bestin-class. Our leadership includes such service innovations as:

- · Customer-friendly, efficient processes
- · One-call resolution
- Employee commitment to effective customer dialog







MAPEI's FastTrack Ready products reduce the required steps of an installation and/or perform more quickly than current methods.



Products developed with Ultralite Technology are lightweight, high-performing and easy to use, and provide extended coverage at the same product weight as traditional products.



Products identified with MAPEI'S
BioBlock logo have been developed
in such a way that they do not support
mold/mildew/fungi growth after product
installation as certified by external
laboratories per industry standard ASTM
G21: Standard Practice for Determining
Resistance of Synthetic Polymeric
Materials to Fungi. Common cleaning and
maintenance practices are still needed.



MAPEI products with Easy Glide Technology offer extreme ease of application, yielding a buttery consistency that reduces fatigue during installation.



DropEffect technology reduces surface absorption to help repel water, dirt and grime from penetrating grout joints.



CO<sub>2</sub> emissions measured throughout the product's life cycle are fully offset through the acquisition of third-partycertified carbon credits that support climate-mitigation projects.





# Innovative Research & Development

We have always been highly committed to this sector. Our research scientists work within a global network comprising 32 centers, with our Corporate Research Centre in Milan acting as a hub to coordinate the activities of all the other centers and as a central analysis laboratory. The United States has four centers, and Canada has one. All equipped with cutting-edge equipment, the centers collaborate continuously with universities as well as scientific and industrial research institutes.

The research and development laboratories also provide support for our Technical Services Division to help provide solutions for even the most complex requests from our clients. Working alongside these centers are our quality-control laboratories, which are present in all the MAPEI Group's production facilities.

# Best-Backed<sup>™</sup> Warranty Program

To bring it all together, MAPEI complements the industry's best products with simple, easy-to-understand requirements for a variety of warranty options.



Surfa	ace-Preparation Products			Туре		Application					
	Product Name and Description	Concrete	Plywood (interior only)	Ceramic tile	VCT/cutback adhesive	Cement backer units (CBUs)	Gypsum wallboard	Steel	Interior	Exterior	Fast-setting (or fast-drying)
ds	Mapecem® Quickpatch High-performance concrete patch	•							•	•	•
Patching Compounds	Planipatch® Fast-setting, polymer-modified, cement-based patching compound	•	•						•		•
Con	Planipatch Plus® High-performance additive for Planipatch	•	•	•	•				•		•
	4 to <b>1</b> <sup>™</sup> Mud Bed Mix Sand and cement mortar mix	•							•		
spee	4 to 1 Mud Bed Mix with Planicrete® AC Sand and cement mortar mix, with acrylic latex admixture for mortar and stucco	•							•	•	
s / Scr	<b>Topcem™ Premix</b> Accelerated-cure screed	•	•						•	•	•
Mud Beds / Screeds	Modified Mortar Bed Polymer-modified thick-bed and render mortar	•	•	•		•			•	•	
Σ	Planitop® 330 Fast Quick-setting, fiber-reinforced, cementitious rendering mortar	•				•	•		•	•	•
	Planislope™ RS Rapid-setting, polymer-modified sloping mortar	•	•	•		•			•	•	•
Bond- Promoting Primer	<b>ECO Prim Grip™</b> Multipurpose, bond-promoting primer	•	•	•	•	•	•		•	•	•
	<i>Ultraplan® Easy</i> – featheredge to 2" (5 cm) High-performance, easy-preparation, self-leveling underlayment	•	•	•	•			•	•		•
lers	<i>Ultraplan Extreme 2</i> – 1/8" to 1" (3 mm to 2.5 cm) Weather-resistant, high-compressive-strength, self-leveling underlayment	•						•	•		•
Self-Levelers	<b>Ultraplan 1 Plus</b> – Featheredge to 1-1/2" (3.8 cm) High-performance, quick-setting, self-leveling underlayment	•	•	•	•			•	•		•
Seli	<b>Novoplan® Easy Plus</b> – 1/8" to 1" (3 mm to 2.5 cm) Easy-preparation, self-leveling underlayment	•	•	•	•			•	•		
	<b>Novoplan 2 Plus</b> – 1/8" to 1" (3 mm to 2.5 cm) Professional, self-leveling underlayment	•	•	•	•			•	•		

 $See\ Technical\ Data\ Sheets\ for\ additional\ information.\ Test\ in\ a\ small\ area,\ as\ resins\ may\ stain\ or\ leave\ residue\ on\ surface.$ 

Underlayment					7	уре с	of Sub	strate					Application			
Membranes	ete	Mortar bed, self- leveling underlayment + leveling coats	Young concrete	Plywood/APA Sturd-I-Floor, Exposure I OSB (interior only)	Cement backer units (CBUs)	Cement terrazzo*	Ceramic tile*	Vinyl composition tile (VCT), non-cushioned paper-backed/ feltbacked sheet vinyl, luxury vinyl tile/plank (LVT/LVP)	Epoxy terrazzo (appropriate bond testing – interior only)	m underlayment or eight concrete **	ır	or	5591	93	Specifications	
Product Name and Description	Concrete	Mortar underla	Young	Plywor	Cemer	Cemer	Ceram	Vinyl c non-cu feltbac vinyl ti	Epoxy bond t	Gypsum und lightweight	Interior	Exterior	Thickness	Roll size	Specifi	
Mapeguard® UM Underlayment membrane for ceramic tile and stone	•	•	•		•	•		•	•	•	•	•	1/8" (3 mm)	39.4" x 16.4' (1 m x 5 m); 39.4" x 98.4' (1 m x 30 m)	ANSI A118.12, ANSI A118.10, ASTM C627	
Mapeguard UM 35 Uncoupling, crack-isolation and waterproofing membrane	•	•	•	•	•	•	•	•	•	•	•		1/8" (3 mm)	39.4" x 98.4' (1 m x 30 m)	ANSI A118.12, ANSI A118.10, ASTM C627	
Mapeheat™ Membrane Lightweight uncoupling, crack-isolation and waterproofing membrane for electrical floor heating	•	•	•		•	•	•	•	•	•	•		7/32" (5.5 mm)	54 sq. ft. (5.02 m²); 161 sq. ft. (15.0 m²)	ANSI A118.12, ANSI A118.10, ASTM C627	
Mapeguard WP ST Waterproofing sealing tape for Mapeguard WP 200	•	•	•	•	•	•	•	•	•	•	•	•	N/A	5.9" x 32.8' (15 cm x 10 m); 5.9" x 98.4' (15 cm x 30 m)	N/A	

<sup>\*</sup> Properly prepared interior only \*\* Reference MAPEI's Technical Bulletin "Tiling over gypsum"

Waterproofing		Base	•		e- ired	Ар	plicat	ion	Type of Substrate		Tools											
Product Name and Description	Acrylic	Cement	Polyethylene	Optional fabric	Mesh	Interior	Exterior	Fast-setting (or fast-drying)	Concrete	Plywood (interior only)	Ceramic tile*	Cement backer units (CBUs)	Gypsum wallboard	Brush	Roller	Trowel	Sheet Membrane	Water Immersion (long-term)	Curing Time Before Tiling	Curing Time Before Flood Test	Crack Isolation	Specifications
Mapelastic® AquaDefense (MAPEl's Reinforcing Fabric optional) Premium waterproofing and crack- isolation membrane	•			•			•	•	•	•	•	•	•		•			•	30 to 50 minutes	12 hours	Up to 1/8" (3 mm)	ANSI A118.12, ANSI A118.10, IAPMO, ICC, ASTM C627
Mapelastic HPG (use Fiberglass Mesh) Flexible waterproofing and crack- isolation membrane	•				•	•			•	•	•	•	•	•		•			16 to 24 hours	72 hours	Up to 1/8" (3 mm)	ANSI A118.10, IAPMO, ASTM C627
Mapelastic Turbo Premium, rapid-drying, waterproofing and crack-isolation membrane								•			•	•	•					•	90 minutes	3 to 4 hours	Up to 1/8" (3 mm)	ANSI A118.10, ANSI A118.12, IAPMO, ICC, ASTM C627, ASTM E96
Mapelastic WaterStop (MAPEl's Reinforcing Fabric optional) Waterproofing and crack-isolation membrane	•					•	•	•	•	•	•	•	•	•	•			•	60 to 90 minutes	12 hours	Up to 1/8" (3 mm)	ANSI A118.10, ANSI A118.12, IAMPO, ICC, ASTM C627
Mapeguard® WP 200 Waterproofing sheet membrane for ceramic tile and stone			•			•	•		•	•	•	•	•				•		Set immedi- ately	24 hours	Up to 1/8" (3 mm)	ANSI A118.12, ANSI A118.10, IAPMO, ICC, ASTM C627
Mapeguard WP ST Waterproofing sealing tape for Mapeguard WP 200			•			•	•		•	•	•	•	•						N/A	N/A	N/A	N/A

Crack Isolation and	Sound R	Ар	plicat	ion	Тур	e of S	Subst	rate						
Sound Reduction  Product Name and Description	Porcelain tile (with ceiling and 6" [15-cm] concrete floor)	Porcelain tile (without ceiling and with 6" [15-cm] concrete floor)	Interior	Exterior	Fast-setting (or fast-drying)	Concrete	Plywood (interior only)	Ceramic tile*	Cement backer units (CBUs)	Thickness	Grack Isolation	Primer Required	Roll Size	Specifications
Mapesonic™ 2 All-in-one membrane for crack isolation, sound reduction, waterproofing and vapor management	70 IIC, 66 STC	50 IIC, 52 STC, 21 Delta IIC						•	•	76 mils	Up to 3/8" (10 mm)	•	39" x 49.2' (99 cm x 15 m)	ANSI A118.12, ANSI A118.13 & ASTM C627 (Light Commercial)
Mapeguard® 2 3-in-1 membrane for crack isolation, waterproofing and sound reduction	64 IIC, 66 STC	47 IIC, 52 STC, 16 Delta IIC	•	•	•		•	•	•	40 mils	Up to 3/8" (10 mm)	•	39.4" x 68.6' (1 x 20.9 m)	ANSI A118.12 & ASTM C627 (Extra Heavy)
Mapeguard CI Peel-and-stick, crack-isolation sheet membrane for tile installations								•	•	59 mils	Up to 3/8" (10 mm)	•	39.4" x 68.6' (1 x 20.9 m)	ANSI A118.12 & ASTM C627 (Extra Heavy)
Mapelastic® CI Professional, roller-applied crack- isolation membrane								•	•	15 mils	Up to 1/8" (3 mm)		N/A	ANSI A118.12 & ASTM C627 (Extra Heavy)
Mapesonic RM Premium.sound-reduction rubber	62 IIC, 63 STC*	50 IIC, 53 STC, 20 Delta IIC*	•			•	•	•	•	10 mm	Up to 1/8" (3 mm)		4' x 25' (1.22 x 7.62 m)	ANSI A118.12 & ASTM C627 (Residential)
membrane	62 IIC, 63 STC*	50 IIC, 54 STC, 20 Delta IIC*	•			•	•	•	•	5 mm	Up to 1/8" (3 mm)		4' x 25' (1.22 x 7.62 m)	ANSI A118.12 & ASTM C627 (Residential)

 $<sup>{}^*\</sup>textit{Ceramic tile and stone were used for testing } \mathsf{Mapesonic } \mathsf{RM}.$ 

Setting Products	Type of Substrate					Type of Tile							Α	ppli	catio	n					
Product Name and Description	Concrete	Cement backer units (CBUs)	Gypsum wallboard	Plywood	Ceramic tile	VCT/cutback adhesive	Steel	Ceramic	Porcelain	Stone (dimensionally stable)	15" x 15" (38 x 38 cm) or larger tile	Glass and mosaic tile	Moisture-sensitive stone	Interior (residential/commercial)	Exterior (residential)	Exterior (commercial)	Fast-setting	Water immersion	Exterior facades	ISO 13007 Classification	ANSI Standard
Granirapid® System Premium, rapid-setting, flexible tile mortar	•	•	•	•	•	•		•	•	•	•	•		•	•	•	•	•	•	C2FS2P2	A118.4F, A118.11, A118.15F
Kerabond/Keralastic™ System Premium, flexible tile mortar	•	•	•	•	•	•		•	•	•	•	•		•	•	•		•	•	C2ES2P2	A118.4E, A118.11, A118.15E
Kerabond® T/Keralastic® System Premium, flexible large-and-heavy-tile and thin-set mortar		•	•			•		•	•	•	•	•		•	•	•		•	•	C2ES2P2	A118.4HE, A118.11, A118.15HE
MAPEI Ultralite® S2 Premium, highly deformable, lightweight, gauged-tile mortar with polymer	•	•	•	•	•			•	•	•	•			•	•	•			•	C2ES2P2	A118.4HE, A118.11, A118.15E,
Keraflex® Super Premium, extra smooth, large-and-heavy- tile mortar with polymer		•	•	•	•	•		•	•	•	•	•		•	•	•		•	•	C2TES1P1	A138.1 A118.4HET, A118.11, A118.15HET
Keraflex Plus Professional, extra smooth, large-and-heavy-tile mortar with polymer	•	•	•	•	•	•		•	•	•	•			•	•	•				C2TE	A118.4HET, A118.11
<b>Keraflex SG</b> Standard, extra smooth, large-and heavy-tile mortar with polymer	•	•	•	•				٠	•	•	•			٠	•	•				C2TE	A118.4HET, A118.11
<b>Keraflex RS</b> Professional, rapid-setting, extra smooth, large-and-heavy-tile mortar with polymer	•	•	•	•	•	•		•	•	•	•			•	•	•	•			C2TF	A118.4FHT, A118.11
Ultraflex® LFT™ Premium, large-and-heavy-tile mortar with polymer	•	•	•	•	•	•		•	•	•	•			•	•	•		•	•	C2TES1P1	A118.4HET, A118.11, A118.15HET
Ultraflex LFT Rapid Premium, rapid-setting, large-and-heavy-tile mortar with polymer	•	•	•	•	•	•		•	•	•	•			•	•	•	•	•	•	C2TFS1P1	A118.4FHT, A118.11, A118.15FHT
MAPEI Ultralite Mortar / MAPEI Ultralite Mortar Zero Premium, lightweight mortar with polymer for large and heavy tile		•	•		•	•		•	•	•	•			•	•	•				C2TES1P1	A118.4HET, A118.11, A118.15HET, A138.1
Ultraflex RS Premium, rapid-setting tile mortar with polymer		•	•		•	•		•	•	•				•	•	•	•			C2FS1P1	A118.4F, A118.11, A118.15F
Ultraflex LHT® Professional, large-and-heavy-tile mortar with polymer	•	•	•	•	•	•		•	•	•	•			•	•	•				C2TE	A118.4HET, A118.11
MAPEI Ultralite Mortar Pro Professional, lightweight mortar with polymer for large and heavy tile	•	•	•	•	•	•		•	•	•	•			•	•	•				CITESI	A118.4HET, A118.11, A138.1
Ultraflex 2 Professional tile mortar with polymer	•	•	•	•	•	•		•	•	•				•	•	•				C2EP1	A118.4E, A118.11
Ultraflex 1 Standard tile mortar with polymer	•	•	•	•				٠	•	•				٠	•					C2E	A118.4E, A118.11
Ultraflex LHT SG Standard, large-and-heavy-tile mortar with polymer	•	•	•					•	•	•	•			•	•	•				C2TE	A118.4HET
Kerapoxy® 410 Premium, 100%-solids, epoxy setting mortar	•	•	•	•	•	•	•	•	•	•			•	•	•	•		•		R2	A118.3
Kerapoxy SB Premium, spot-bonding, epoxy setting mortar	•	•	•	•				•	•	•	•			•						R2T	A118.3
Kerapoxy SB Rapid Premium, rapid, spot-bonding, epoxy setting mortar	•	•	•	•				•	•	•	•			•			•			R2TF	A118.3
Adesilex™ P10 with Keraply Premium mosaic and glass tile mortar with polymer, and latex additive	•	•	•	•	•			•	•	•		•		•	•	•		•		C2TES1P1	A118.4ET, A118.11
Adesilex P10 Mosaic & Glass Tile Premium mosaic and glass tile mortar with polymer	•	•	•					•	•	•		•		•	•					C2TE	A118.4ET
Adesilex P10 RS Mosaic & Glass Tile Premium, rapid-setting mosaic & glass tile mortar with polymer	•	•	•					•	•	•		•		•	•		•			C2TF	A118.4FT
Ultrabond ECO® GPT (walls only) Hybrid-polymer-based adhesive for gauged porcelain tile	•	•	•					•	•		•			•						N/A	N/A
<i>Type 1</i> ™ Premium tile adhesive – walls 12" x 12" (30 x 30 cm), floors 6" x 6" (15 x 15 cm)	•	•	•	•				•	•					•						DITE	A136.1, Type 1

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Grouts										
	nterior (residential/commercial)	Exterior (residential/commercial)	Water immersion	ındustrial	Fast-curing	Chemical resistance	Grout joints < 1/8" (3 mm)	Grouting polished stones/marble	ISO 13007	ANSI
Product Name and Description	<u>n</u> te	ΣŽ	Wa	直	Fas	Sp	5	5	Classification	Standard
Kerapoxy® CQ Premium epoxy grout and mortar with color-coated quartz	•	•	•	•		•	•	•	R2/RG	A118.3
Kerapoxy IEG CQ 100%-solids, industrial-grade epoxy grout with color- coated quartz	•	•	•	•	•	•			RG	A118.3, A118.5
Kerapoxy Premium epoxy grout and mortar	•	•	•	•		•	•	•	R2/RG	A118.3
Ultracolor® Plus FA Rapid-setting, "all-in-one" grout replacement for sanded and unsanded grouts	•	•	•		•		•	•	CG2WAF	A118.6, A118.7
Ultracolor Plus Max** High-performance, rapid-setting grout with maximized color depth and color consistency	•	•	•		•		•	•	CG2WAF	A118.6, A118.7
Keracolor® S Premium sanded grout with polymer	•	•	•						CG2WA	A118.6
Keracolor U Premium unsanded grout with polymer	•	•	•				•	•	CG2WA	A118.6
MAPEI Flexcolor® CQ Ready-to-use grout with color-coated quartz	•	•				•	•	•		A118.3*, A118.6
MAPEI Flexcolor 3D Ready-to-use, translucent grout with an "iridescent effect" finish	•					•	•	•		A118.3*, A118.6
MAPEI Flexcolor Design Professional-grade, ready-to-use specialty grout with personalized computer color-matching	•					•	•	•		A118.3*, A118.6

Test in a small area, as resins may stain or leave residue on surface.

# ISO 13007 Standards: Product Classifications

	Types	Classes	Special Characteristics
ives	C = Cementitious (Thin-set mortars)	1 = Normal 2 = Improved	F = Fast-setting T = Slip-resistant E = Extended open time S1 = Deformable S2 = Highly deformable P1 = Plywood adhesion P2 = Improved plywood adhesion
Adhesives	D = Dispersion (Mastics)	1 = Normal 2 = Improved	A = Accelerated-drying dispersion adhesive F = Fast-drying T = Slip-resistant E = Extended open time
	R = Reaction resin (Epoxies and urethanes)	1 = Normal 2 = Improved	T = Slip-resistant
	Types	Classes	Special Characteristics
	Types	Classes	Special Characteristics
Grouts	CG = Cementitious grouts	1 = Normal 2 = Improved	F = Fast-setting A = High abrasion resistance W = Reduced water absorption
ō	RG = Reaction resin grouts	_	Higher performance characteristics than improved cementitious grouts

# **HELPING YOU CHOOSE** THE RIGHT PRODUCTS **MORE PRECISELY**

The ISO 13007 Standards for Adhesives and Grouts make it easier for architects to describe what characteristics they want in the installation products that they select for use under the conditions affecting each particular project.

The ISO 13007 Standards employ a classification coding system of letters and numbers that indicates to architects, contractors, installers and distributors exactly which adhesive and grout performance requirements must be met for a particular job. MAPEI displays the coding on its packaging and product literature so customers can easily see which product(s) they should purchase to meet their needs.



<sup>\*</sup>Chemical resistance portion of A118.3

<sup>\*\*</sup> Available in two colors: Pure White (#117) and Jet Black (#118)







# Planitop® 330 Fast

# Quick-Setting, Fiber-Reinforced Cementitious Rendering Mortar

Planitop 330 Fast is a quick-setting, polymer-modified, fiber-reinforced cementitious rendering, patching and leveling mortar for interior and exterior walls, floors and submerged areas. It can be applied from 1/8" to 1-1/4" (3 mm to 3.2 cm) in thickness to ramp, smooth and level surfaces. Eliminating the need for a latex additive, Planitop 330 Fast requires only mixing with water to produce a nonsagging mortar that is ready for tile installation in as little as 90 minutes.

# Topcem<sup>™</sup> Premix

#### **Accelerated-Cure Screed**

Topcem Premix is an accelerated-cure screed mortar suitable for bonded as well as unbonded applications. Topcem Premix can easily be screeded or sloped, and has the workability and working time of conventional screed mortars.

# Modified Mortar Bed

# Polymer-Modified Thick-Bed and Render Mortar

Modified Mortar Bed is a pre-blended, cement-based, polymer-modified thick-bed and render mortar that includes a blend of select aggregates. Rather than requiring the use of a latex additive, it only needs mixing with water to produce a thick-bed mortar of exceptional strength.

	Product Code	Packaging	
U.S.	2235823	Bag: 50 lbs. (22.7 kg)	

	Product Code	Packaging
U.S.	0240523	Bag: 50 lbs. (22.7 kg)

	Product Code	Packaging
U.S.	0376027	Bag: 60 lbs. (27.2 kg)













# 4 to 1™ Mud Bed Mix

#### Sand and Cement Mortar Mix

4 to 1 is a pre-blended mixture of finely graded sand and Portland cement used for thick-bed mortar installations. 4 to 1 flattens and levels an existing substrate before the installation of tile and stone.

# Planislope™ RS

# Rapid-Setting, Polymer-Modified Sloping Mortar

Planislope RS rapid-setting, preblended, cement-based, polymermodified mortar is composed of select aggregates and used for sloping and thick-bed mortar leveling installations. Rather than requiring the use of latex additive, it only needs mixing with water to produce a mortar of exceptional strength. Used for preparing an existing substrate before the installation of tile and stone, Planislope RS is designed for pre-sloping under waterproofing membranes and mortar beds in showers when quick turnarounds are desired.

# Mapeguard® Board

# Rigid, Lightweight, Waterproof, Foam Backer Board

Mapeguard Board is a multipurpose, premium-performance, lightweight, rigid, waterproof backer-board panel that is made with a high-density, extruded polystyrene core. This backer board features a high-strength, waterproof membrane and facer on both sides to provide water and vapor protection. Mapeguard Board is for use under ceramic tile and stone installations for both residential and commercial interior applications. The uniquely engineered, multi-layered design is available in thicknesses from 1/4" to 2" (6 mm to 5 cm) for use on walls, floors, ceilings and countertops, as well as for fabrication of room partitions, benches, seats and furnishing elements, delivering a dimensionally stable substrate.

	Product Code	Packaging
U.S.	1183025	Bag: 55 lbs. (24.9 kg)

	Product Code	Packaging
U.S.	0376523	Bag: 50 lbs. (22.7 kg)

	Product Code	Packaging	Sheets per Pallet
	8107301	1/4" x 3' x 5'	84
	8107001	(6 mm x 0.91 m x 1.52 m) 1/2" x 3' x 5' (12 mm x 0.91 m x 1.52 m)	60
	8107101	1/2" x 4' x 8'	
U.S.	8107501		50
	8107401	(16 mm x 0.91 m x 1.52 m) 1" x 3' x 5'	30
	8107201	(2.5 cm x 0.91 m x 1.52 m) 2" x 3' x 5' (5 cm x 0.91 m x 1.52 m)	



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# Planicrete® AC

# Acrylic Latex Admixture for Mortar and Stucco

Planicrete AC is a one-component, concentrated, liquid latex admixture used to enhance the performance of cementitious repair mortars, plasters, stuccos and toppings.

# Planiprep® SC

# High-Performance, Fiber-Reinforced Skimcoating Compound

Planiprep SC is a high-performance, polymer-modified, fiber-reinforced, cement-based skimcoating and patching compound. Use Planiprep SC to skimcoat and smooth minor surface variations and defects on common substrates. Planiprep SC creates a strong, durable surface ready for almost any floor application. Its unique formulation mixes easily with water and produces an easy-to-apply patching compound. Rapid-setting Planiprep SC allows for fast-track flooring installations in 30 to 60 minutes after application, depending on thickness and environmental conditions.

# Planipatch®

# Fast-Setting, Polymer-Modified, Cement-Based Patching Compound

Planipatch is an ultra fast-drying, self-curing, polymer-modified, cement-based patching compound that rapidly develops high compressive strength. When Planipatch is mixed with Planipatch Plus®, the Planipatch Plus System can be used as an embossing leveler or as a patch to fill voids over properly prepared vinyl sheet goods, vinyl composition tile (VCT) and cement terrazzo before the direct glue-down installation of floor coverings.

	Product Code	Packaging
U.S.	0378204 0378219	Jug: 1 U.S. gal. (3.79 L) Pail: 5 U.S. gals. (18.9 L)

	Product Code	Packaging
U.S.	7378405	Bag: 10 lbs. (4.54 kg)

	Product Code	Packaging
U.S.	1203205 1203211 1203220	Bag: 10 lbs. (4.54 kg) Bag: 25 lbs. (11.3 kg) Bag in pail: 45 lbs. (20.4 kg)







# High-Performance Concrete Patch Composé de performance pour béton Restaurador de concreto de alto rendimiento



# Planipatch Plus®

# High-Performance Additive for *Planipatch*®

Planipatch Plus is an acrylic latex additive for use specifically with Planipatch fast-setting, polymer-modified, cement-based patching compound. Mixing Planipatch Plus undiluted with Planipatch allows it to be used over a variety of substrates including vinyl composition tile (VCT), felt-backed sheet vinyl, cutback adhesive residue and MAPEI moisture barriers.

# 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.

# ECO Prim Grip™

# Multipurpose, Bond-Promoting Primer

ECO Prim Grip is a ready-to-use, low-VOC, synthetic resin-based primer with bond-promoting silica aggregates suspended in a dispersion. It enhances the performance and adhesion of mortars to existing ceramics and difficult-to-bond-to substrates. Plus, it improves bonding of self-leveling underlayments (SLUs) and bonds of render coats over cementitious substrates. Suitable for a wide variety of substrates, ECO Prim Grip combines excellent versatility with an easy, low-odor application.

	Product Code	Packaging
U.S.	1203504 1203519	Jug: 1 U.S. gal. (3.79 L) Pail: 5 U.S. gals. (18.9 L)

	Product Code	Packaging
U.S.	1190205 1190211 1190223	Bag: 10 lbs. (4.54 kg) Bag: 25 lbs. (11.3 kg) Bag: 50 lbs. (22.7 kg)

	Product Code	Packaging
U.S	1560404 • 1560413	Pail: 1 U.S. gal. (3.79 L) Pail: 3.5 U.S. gals. (13.2 L)













# Primer WE<sup>™</sup>

# Water-Based, Epoxy Primer

Primer WE is a two-component, polymer-modified, water-based, epoxy primer for enhanced adhesion to nonporous substrates before the application of MAPEI self-leveling materials. It improves adhesion over smooth, nonabsorbent and difficult-to-bond-to substrates such as properly prepared ceramic tile, epoxy moisture barriers, cement-based terrazzo, old cutback adhesive residue and approved plywood subfloors.

# Primer T™

# All-Purpose Primer for Self-Leveling Underlayments

Primer T is a low-VOC, magenta-colored, water-based acrylic primer that enhances the performance and adhesion of self-leveling underlayments (SLUs) on nonporous and porous substrates. Suitable for a wide variety of substrates, Primer T combines excellent versatility with an easy, low-odor application.

# Primer L™

# Advanced-Technology, Acrylic Latex Primer for Concrete

Primer L is a concentrated, solvent-free acrylic primer used before the installation of underlayments. It is green for easy identification. Primer L improves the bond between a properly prepared and profiled concrete substrate, and a self-leveling underlayment. Primer L can also be used as a primer for gypsumbased underlayments and patches.

	Product Code	Packaging
U.S.	7493308KIT	Kit: 2 U.S. gals. (7.57 L)

	Product Code	Packaging
U.S.	7493843 7493808	Jug: 1 U.S. qt. (946 mL) Jug: 2 U.S. gals. (7.57 L)

	Product Code	Packaging
U.S.	7493504 7493519	Pail: 1 U.S. gal. (3.79 L) Pail: 5 U.S. gals. (18.9 L)







# High-Performance, 100%-Solids, Epoxy Primer

Primer E is a two-component, 100%-solids, epoxy primer and bonding agent designed for MAPEI self-leveling underlayments when using a sand broadcast method. Primer E is the most effective method for bonding to nonporous, dense substrates before installing self-leveling underlayments subject to high stress. Primer E's low viscosity makes installation fast and easy, and provides excellent penetration into the substrate and therefore a tenacious bond.



# Mapesand<sup>™</sup> Coarse

# Calibrated, 16/30 Mesh Sand

Mapesand Coarse is a calibrated, washed and oven-dried, 16/30 mesh silica sand for use with resin and epoxy primers to create texture, which is necessary for the primer to bond with self-leveling and topping compounds.



# Mapesand<sup>™</sup> Fine

# Calibrated, 20/40 Mesh Sand

Mapesand Fine is a calibrated, washed and oven-dried, 20/40 mesh silica sand for use as an extender for self-leveling underlayments, and to improve the bond of resin and epoxy primers with self-leveling and topping compounds.

	Product Code	Packaging
	7493011	Part A, Pail: 2.06 U.S. gals. (7.80 L)
U.S.	7493111	Part B, Jug: 0.94 U.S. gal. (3.56 L)

	Product Code	Packaging
U.S.	7861223	Paper bag: 50 lbs. (22.7 kg)

	Product Code	Packaging
U.S.	7861118	Paper bag: 40 lbs. (18.1 kg)







# Planitex™ SLF

# Fiber-Reinforced, Gypsum, Self-Leveling Underlayment

Planitex SLF is a fiber-reinforced, gypsum-based, self-leveling underlayment with enhanced flexural strength. It resists cracking and provides an exceptionally smooth, hard surface for use in dry, interior residential and commercial areas. Planitex SLF provides an excellent substrate for a wide variety of floor coverings. Planitex SLF can also be used to cover radiant or in-floor heating systems.

# Novoplan® 2 Plus

# Professional, Self-Leveling Underlayment

Novoplan 2 Plus is a high-strength, self-leveling cement-based underlayment and repair mix for interior concrete and engineer-approved floors.

# Novoplan® Easy Plus

# Easy-Preparation, Self-Leveling Underlayment

Novoplan Easy Plus is a high-strength, self-leveling, calcium-aluminate-based underlayment and repair mix for interior concrete and engineer-approved floors. Its unique formulation allows for direct application on substrates that are clean, securely bonded and properly primed.

	Product Code	Packaging
U.S.	1162323	Bag: 50 lbs. (22.7 kg)

	Product Code	Packaging
U.S.	1785156	Bag: 50 lbs. (22.7 kg)

	Product Code	Packaging
U.S.	2731923	Bag: 50 lbs. (22.7 kg)











# Ultraplan® 1 Plus

# High-Performance, Quick-Setting, Self-Leveling Underlayment

Ultraplan 1 Plus is a quick-setting, self-leveling, self-drying underlayment and repair mix for interior concrete and engineer-approved floors. Ultraplan 1 Plus has high strength and is abrasion-resistant, able to withstand light foot traffic after 2 to 3 hours and vehicular rubber-wheel traffic after 3 days.

# Ultraplan® Easy

# High-Performance, Easy-Preparation, Self-Leveling Underlayment

Ultraplan Easy is a quick-setting, selfleveling underlayment that requires only a clean, soundly bonded, properly prepared and primed substrate before application.

# Ultraplan® Lite

# Lightweight, Self-Leveling Underlayment

Ultraplan Lite is a polymer-modified, calcium-aluminate-based, lightweight, self-drying, self-leveling underlayment. It has been specifically designed for use for leveling substrates that are not rated to carry the full weight of a traditional self-leveling underlayment. Ultraplan Lite mixes easily and flows out to a suitable finish with a final dry density of about 67 lbs. per cu. ft. (1 073 kg per m³) at 28 days.

	Product Code	Packaging
U.S.	7492623	Bag: 50 lbs. (22.7 kg)

	Product Code	Packaging
U.S.	7492723	Bag: 50 lbs. (22.7 kg)

	Product Code	Packaging
U.S.	7492911	Bag: 25 lbs. (11.3 kg)













# **Ultraplan® Extreme 2**

# Weather-Resistant, High-Compressive-Strength, Self-Leveling Underlayment

*Ultraplan Extreme 2* is an advanced hydraulic-cement-based, self-leveling compound designed for fast-track underlayment applications. It is especially formulated for leveling interior horizontal concrete surfaces where environmental controls are not operational or the building is not enclosed. Once installed, Ultraplan Extreme 2 is not affected by exposure to intermittent rain exposure after 6 hours or to freezing temperatures after 3 days of curing. Its high compressive strength is designed to allow it to be exposed to traffic as a temporary wear layer until the floor is covered with floor covering. *Ultraplan Extreme 2* has no moisture vapor emission limitations and can be installed without testing on properly prepared concrete substrates. It is the self-leveling compound of choice for use under moisture-controlling adhesive systems and epoxy moisture barriers.

# Novoplan® DPL

# Deep-Pour, Self-Leveling Compound

Novoplan DPL is a self-leveling, calciumaluminate-based underlayment and repair mix for interior concrete and engineer-approved floors and is capable of being placed up to 4" (10 cm) in a single lift.

# Novoplan® HFL

# High-Flow, Self-Leveling Compound

Novoplan HFL is a self-leveling, calciumaluminate-based underlayment and repair mix for interior concrete and engineer-approved floors with high-flow characteristics.

	Product Code	Packaging
U.S.	0348823	Bag: 50 lbs. (22.7 kg)

	Product Code	Packaging
U.S.	2732956	Bag: 50 lbs. (22.7 kg)

	Product Code	Packaging
U.S.	2732856	Bag: 50 lbs. (22.7 kg)













# MAPEI Self-Leveling Mixing Kit

MAPEI Self-Leveling Mixing Kit consists of a 15-gallon (56.8 L) double-handled mixing barrel with a lid, 1" (2.5-cm) spike shoes, a 5-quart (4.73-L) measuring pitcher, an oval mixing paddle, a smoother, a gauge rake and a three-part broom handle.

# MAPEI Self-Leveling Mixing Barrel Cart

# **Barrel Cart for Mixing Self-Levelers**

MAPEI Self-Leveling Mixing Barrel Cart is designed to improve efficiency in barrel-mixing MAPEI self-leveling underlayments, toppings and mortars that require jobsite mixing. The cart's barrel band attaches snugly to the MAPEI Self-Leveling Mixing Barrel (sold separately), holding it fast during mixing and keeping it in place during material pouring/placement. MAPEI Self-Leveling Mixing Barrel Cart has been designed to roll easily over textured surfaces and enables easy, precise placement of the mix. The double-handle design allows for the cart to be easily moved and tipped, reducing strain on the cart body and controlling the material placement.

# MAPEI Self-Leveling Mixing Barrel

# Mixing Barrel for Self-Leveling Products

MAPEI Self-Leveling Mixing Barrel is perfect for the blending of cement and gypsum self-leveling underlayments, toppings and pourable mortars. The barrel easily holds up to three 50-lb. (22.7-kg) bags of material and works perfectly in conjunction with ovalshaped mixers. Two types of handles (grab handles and recessed handles) make this barrel easy to move. Used along with MAPEI Self-Leveling Mixing Barrel Cart, this barrel eases the mixing and transport process of any material that requires mixing and dispensing on commercial or residential jobsites.

	Product Code	Packaging
U.S.	7966115	Kit in barrel

	Product Code	Packaging
U.S.	7966120	Cart

	Product Code	Packaging
U.S.	7966121	Barrel





Spike Roller

# **Spiked Roller for Self-Leveling Products**

MAPEI Self-Leveling Spike Roller has been designed specifically for cementand gypsum-based self-leveling underlayments and toppings. The spikes are 2" (5 cm) in length, making it easy to work with deep pours of material. The shape of the spikes is also designed to cut through the material easily, creating a much smoother, homogenous material. Measuring 20" (51 cm) in width, MAPEI Self-Leveling Spike Roller enables quick work on large surface areas.



# Planiseal® MSP

# Moisture-Control Membrane, Adhesive Isolator, Sealer, pH Blocker and Primer

Planiseal MSP is a two-coat, high-solids, polymer-based adhesive isolator, sealer, moisture-control membrane and self-leveling primer. Planiseal MSP protects flooring installations against subfloor moisture and pH in concrete slabs with moisture vapor emission rates (MVERs) up to 15 lbs. (6.80 kg) per ASTM F1896, relative humidity (RH) up to 99% per ASTM F2170 and alkalinity protection up to pH of 12. Planiseal MSP eliminates the need for a secondary primer for self-leveling applications.



# Planiseal® PMB

# One-Component, Polyurethane Moisture Barrier and Bonding Agent

Planiseal PMB is a one-component, moisture-curing, polyurethane compound designed to provide moisture vapor emission protection on damp concrete substrates in a single-or double-coat application method as well as a vapor retarder using a single-coat method over wood substrates. It also serves as a bonding agent and moisture barrier system for self-leveling underlayments when applied in a double-coat method with dry sand.

	Product Code	Packaging
u.s.	781701	Roller

	Product Code	Packaging
U.S.	2436315	Pail: 4 U.S. gals. (15.1 L)

	Product Code	Packaging
U.S.	2438513	Pail: 3.5 U.S. gals. (13.2 L)











# Planiseal® VS

# Alkali-Resistant, Epoxy **Moisture-Reduction Barrier**

Planiseal VS is an alkali-resistant, two-component, 100%-solids, epoxy coating that effectively stops moisturerelated problems with floor coverings. In addition, Planiseal VS expedites floorcovering installations by eliminating the traditional wait time required for new concrete slabs to reach moisture levels suitable for installations.

# Planiseal® VS Fast

# Fast-Track, Alkali-Resistant, Epoxy **Moisture-Reduction Barrier**

Planiseal VS Fast is a fast-curing, alkaliresistant, two-component, 100%-solids, epoxy coating that effectively stops moisture-related problems over concrete that impact floor coverings. In addition, it significantly expedites floor installations by eliminating the traditional wait time required for new concrete slabs to reach moisture levels suitable for floor-covering installation.

# Mapelastic® AquaDefense

ANSI A118.10 and A118.12; IAPMO File 3996; ASTM

# Premium Waterproofing and Crack-**Isolation Membrane**

Mapelastic 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. Mapelastic 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  $Mapeband^{\mathsf{TM}}$  accessories (cove roll and drain flash) to provide additional protection. Mapelastic AquaDefense dries after about 30 to 50 minutes and is then ready to receive any MAPEI polymer or epoxy mortar. Mapelastic AquaDefense can be flood-tested after 12 hours of drying time, is IAPMOlisted for use as a shower-pan liner, and exceeds ANSI A118.10 and ANSI A118.12 standards.

	Product Code	Packaging
	2435511	Part A, Pail: 2.20 U.S. gals. (8.33 L)
U.S.	2435611	Part B, Jug: 0.8 U.S. gal. (3.03 L)

	Product Code	Packaging
(7461)	Part A, Pail: 1.97 U.S. gals. (7.46 L)	
U.S.	2437211	Part B, Jug: 1 U.S. gal. (3.79 L)

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	Product Code	Packaging
U.S.	7339104 7339113 7339119 7339178	Pail: 1 U.S. gal. (3.79 L) Pail: 3.5 U.S. gals. (13.2 L) Pail: 5 U.S. gals. (18.9 L) Drum: 55 U.S. gals. (208 L)

See Reinforcing Fabric and Mapeband information











# Mapelastic® WaterStop

ANSI A118.10 and A118.12; IAPMO File 3996; ASTM

# Waterproofing and Crack-Isolation Membrane

Mapelastic WaterStop is a flexible, thin, fast-drying, one-component, liquid-rubber waterproofing and crackisolation membrane for installation under ceramic tile or stone in residential, commercial and industrial environments. It provides a continuous barrier to protect adjacent floors and rooms below from water damage. Mapelastic WaterStop also prevents in-plane floor cracks (up to 1/8" [3 mm]) from transmitting through tile or stone. In problem areas such as coves, corners, cracks and drains, it can be combined with MAPEI's optional Reinforcing Fabric or *Mapeband*™ accessories (cove roll and drain flashing) to provide additional protection.



# Mapelastic® Turbo

ANSI A118.10 and A118.12; IAPMO File 3996; ASTM C627; ICC Evaluation Service Report ESR 3474

# Premium, Rapid-Drying, Waterproofing and Crack-Isolation Membrane

Mapelastic Turbo is a two-component, rapid-drying, cementitious-binderbased 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, Mapelastic Turbo provides an excellent barrier to protect adjacent rooms and floors below from water damage. Mapelastic Turbo exceeds ANSI All8.10 and ANSI A118.12 standards and is compatible with polymer-modified cement-based mortars (ANSI All8.4 or better) or epoxy mortars (ANSI Al18.3).



# Mapelastic® HPG

ANSI A118.10; IAPMO File 3996; ASTM C627

# Flexible Waterproofing and Crack-Isolation Membrane

Mapelastic HPG is a ready-to-use, highly flexible, liquid acrylic waterproofing membrane for installation under ceramic tile or stone on residential and light commercial interior floors and walls. Applied with a roller, trowel or brush, Mapelastic HPG has excellent compatibility with cement-based mortars. When installed with MAPEI's Fiberglass Mesh, Mapelastic HPG can also be used as a crack-isolation membrane and exceeds ANSI A118.10 standards for waterproofing. In addition, Mapelastic HPG is IAPMO-listed for use as a shower-pan liner.

	Product Code	Packaging
U.S.	7345704 7345713	Pail: 1 U.S. gal. (3.79 L) Pail: 3.5 U.S. gals. (13.2 L)

See Reinforcing Fabric and Mapeband information on Page 21.

	Product Code	Packaging
U.S.	1676418 1676309KIT 1676318	Pail: 2 U.S. gals (7.57 L) Kit: 20 lbs. (9.07 kg) Bag: 22 lbs. (9.98 kg)

See Reinforcing Fabric information on Page 21.























# Fiberglass Mesh

# For Mapelastic®, Mapelastic 315, Mapelastic HPG and Mapelastic Smart Waterproofing Products

MAPEI's Fiberglass Mesh is a readyto-use, thin, strong yet flexible alkaliresistant mesh for embedment with waterproofing and crack-isolation membranes – including MAPEI's Mapelastic, Mapelastic 315, Mapelastic HPG and Mapelastic Smart – on residential and commercial floors, walls and ceilings.

Fiberglass Mesh reinforces and improves the performance of MAPEI's waterproofing membranes when applied over cracks, coves and corners and around drains on residential and commercial applications. Fiberglass Mesh can be cut to size with scissors or a razor knife, and has excellent compatibility with all MAPEI cement- or epoxy-based mortars.

# Mapeband™

# Rubber-Coated Waterproofing Accessories

Mapeband cove roll and drain flashing are flexible, rubber-coated polyester accessories for waterproofing. They are designed for fast, easy embedment with MAPEI's Mapelastic® 315, Mapelastic HPG, Mapelastic AquaDefense, Mapelastic WaterStop and Mapelastic Turbo waterproofing membranes over coves, corners, drains, expansion and movement joints.

# Reinforcing Fabric

# For Use with Mapelastic® AquaDefense, Mapelastic WaterStop and Mapelastic Turbo

MAPEI's Reinforcing Fabric is a strong, absorbent, flexible, alkali-resistant, polyester reinforcing fabric for optional use with MAPEI's Mapelastic AquaDefense, Mapelastic WaterStop and Mapelastic Turbo membranes when installed under ceramic tile or stone on residential and commercial interior applications.

Reinforcing Fabric is ideal for use over substrate areas such as cracks, coves, corners and areas around drains when used with Mapelastic AquaDefense, Mapelastic WaterStop and Mapelastic Turbo. Reinforcing Fabric provides a durable, reliable barrier to water migration into adjacent areas. It can easily be cut to size with scissors or a razor knife, and it has excellent compatibility with all MAPEI cementor epoxy-based grouts and mortars.

	Product Code	Packaging
	1782514	Roll: 12" x 150' (0.3 m x 45.7 m)
U.S.	1782523	Roll: 39" x 75' (0.99 m x 22.9 m)
	1782599	Roll: 39.4" x 328' (1 m x 100 m)

	Product Code	Packaging
	7950710	Drain Flashing: 16.75" x 16.75" (42.5 x 42.5 cm)
U.S.	7950850	Cove Roll: 4.75" x 163' (12 cm x 49.7 m)

	Product Code	Packaging
U.S.	1782131 1782123	Roll: 6" x 75' (15 cm x 22.9 m) Roll: 38" x 75' (0.97 m x 22.9 m)







# Mapeguard® WP 200

ANSI A118.10 and A118.12; ICC Evaluation Services Report ESR 3474; ASTM: C627; IAPMO 3996

# Waterproofing Sheet Membrane for **Ceramic Tile and Stone**

Mapeguard WP 200 is a thin, flexible, polyethylene sheet membrane with a nonwoven, polypropylene fabric on both sides, used for both waterproofing and crack isolation in interior/exterior residential and commercial applications. The laminated fabric webbing is designed to anchor the membrane to the substrate and the tiles to the membrane using the bonded thin-set method with recommended, polymermodified mortars. Mapeguard WP 200's low perm rating performance is ideal for vapor protection in showers, wet areas and steam rooms.

# Mapeguard® WP ST

# Waterproofing Sealing Tape for Mapeguard WP 200

Mapeguard WP ST is a fast and easy way to cover seams and wall upturns to provide waterproofing and vapor management protection when installing Mapeguard WP 200 waterproofing sheet membrane for ceramic tile and stone.

# Mapeguard® PIC

#### **Pre-Formed Inside Corners**

Mapeguard PIC is a thin, flexible, alkaliresistant, polyethylene membrane coated on both sides with a nonwoven polypropylene fabric. It offers a fast and easy way to seal inside corners in wet areas where walls and floors meet, providing waterproofing and vapor management protection when combined with Mapeguard WP 200 waterproofing membrane for ceramic tile and stone.

	Product Code	Packaging
	2850205	Roll: 39.4" x 16.4' (1 m x 5 m) for 53.8 sg. ft. (5 m²) per roll
	2850210	Roll: 39.4" x 32.8' (1 m x 10 m) for 108 sq. ft. (10 m²) per roll
U.S.	2850230	Roll: 39.4" x 98.4' (1 m x 30 m) for 323 sq. ft. (30 m²) per roll
	2850215	Roll: 6' x 50' (1.83 m x 15.2 m) for 300 sq. ft. (27.9 m²) per roll

	Product Code	Packaging
U.S.	2856405 2856410 2856430	Roll: 4.7" x 16.4' (12 cm x 5 m) Roll: 4.7" x 32.8' (12 cm x 10 m) Roll: 4.7" x 98.4' (12 cm x 30 m)

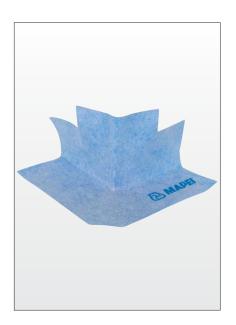
	Product Code	Packaging
U.S.	2856102	4-5/16" x 4-5/16" x 3-1/2" (11 x 11 x 9 cm), nominal (20-unit case)
0.5.	2856101	4-5/16" x 4-5/16" x 3-1/2" (11 x 11 x 9 cm), nominal (25-unit case)















# Mapeguard® POC

#### **Pre-Formed Outside Corners**

Mapeguard POC is a thin, flexible, alkali-resistant, polyethylene membrane coated on both sides with a nonwoven polypropylene fabric. It offers a fast and easy way to seal outside corners, curbs or return walls in wet areas where walls/curbs and floors meet, providing waterproofing and vapor management protection when combined with Mapeguard WP 200 waterproofing membrane for ceramic tile and stone.

# Mapeguard® PC

# **Pre-Formed Pipe Collars**

Mapeguard PC is a thin, flexible, alkaliresistant, polyethylene membrane coated on both sides with a nonwoven polypropylene fabric engineered with a stretchable rubber center. It offers a fast, tight and easy way to seal around pipes and shower heads in wet areas, providing waterproofing and vapor management protection when combined with Mapeguard WP 200 waterproofing membrane for ceramic tile and stone.

# Mapeguard® VC

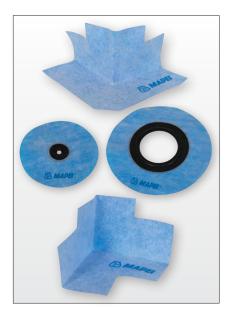
# **Pre-Formed Valve Collars**

Mapeguard VC is a thin, flexible, alkaliresistant, polyethylene membrane coated on both sides with a nonwoven polypropylene fabric engineered with a stretchable rubber center. It provides a fast and easy way to seal around shower mixing valves in wet areas, providing waterproofing and vapor management protection when combined with Mapeguard WP 200 waterproofing membrane for ceramic tile and stone.

	Product Code	Packaging
	2856202	4-5/16" x 4-5/16" x 3-1/2" (11 x 11 x 9 cm), nominal (20-unit case)
U.S.	2856201	4-5/16" x 4-5/16" x 3-1/2" (11 x 11 x 9 cm), nominal (25-unit case)

	Product Code	Packaging
	2854101	Round 7.1" (18 cm), nominal (10-unit case)
	2854125	Round 7.1" (18 cm), nominal (25-unit case)
U.S.	2854310	Round 7.1" (18 cm), nominal, size 3/4" (19 mm) (10-unit case)
	2854325	Round 7.1" (18 cm), nominal, size 3/4" (19 mm) (25-unit case)

		Product Code	Packaging
	U.S.	2856601	Round 9.84" (25 cm), nominal (10-unit case)
		2856625	Round 9.84" (25 cm), nominal (25-unit case)







# Mapeguard® Combo Pack

#### **Installation Corners and Collars Kit**

Mapeguard Combo Pack consists of inside corners, outside corners, pipe collar and valve collar components packaged together in a kit. This kit offers a convenient, fast and easy way to seal around curbs, inside corners, outside corners, pipes, shower heads and shower mixing valves in wet areas to provide waterproofing and vapor management protection, when combined with Mapeguard WP 200 waterproofing membrane for ceramic tile and stone.

# Mapeguard® CI

ANSI A118.12; ASTM C627

#### Peel-and-Stick, Crack-Isolation Sheet **Membrane for Tile Installations**

Mapeguard CI is a flexible, thin (1/16" or 1.5 mm), lightweight, load-bearing, fabric-reinforced, "peel-and-stick" crackisolation membrane. After application, ceramic tile or stone can be installed immediately with approved polymermodified cement-based mortar. Mapeguard CI helps to prevent existing or future in-plane floor cracks (with movement up to 3/8" or 10 mm wide) from transmitting through grout, ceramic tile or natural stone.

# Mapeguard® 2

ANSI A118.12 and A118.13; ASTM C627 and E492-04

# 3-in-1 Membrane for Crack Isolation, Waterproofing and Sound Reduction

Mapeguard 2 is a next-generation, flexible, thin, 40-mil (1-mm) lightweight, load-bearing, fabric-reinforced "peel-andstick" crack-isolation, waterproofing and vapor-control membrane. Mapeguard 2 helps to prevent existing or future inplane floor cracks (with movement up to 3/8" [10 mm] wide) from transmitting through grout, ceramic tile and natural stone. It also reduces the transmission of impact sound (footsteps, dropped objects, etc.) and airborne sound (voice, TV, etc.) through floors when installed under ceramic tile, stone or wood floor coverings.

	Product Code	Packaging
U.S.	2856301	Box containing 4 Mapeguard PIC inside corners, 4 Mapeguard POC outside corners, 1 Mapeguard PC pipe collar and 1 Mapeguard VC valve collar

	Product Code	Packaging
U.S.	2850821	Roll: 39.4" x 68.6' (1 x 20.9 m) for 225 sq. ft. (20.9 m²) per roll

	Product Code	Packaging
u.s.	76392113005 USA	Boxed roll: 39.4" x 68.6' (1 x 20.9 m) for 225 sq. ft. (20.9 m²) per roll











# Mapesonic™ 2

ANSI A118.12 and A118.13; ASTM C627 and E492-04

# All-in-One Membrane for Crack Isolation, Sound Reduction, Waterproofing and Vapor Management

Mapesonic 2 is a patented, nextgeneration, flexible, 76-mil thin, lightweight, load-bearing, fabricreinforced, "peel-and-stick" membrane for sound reduction, crack isolation, waterproofing and vapor management. Application of Mapesonic 2 can be immediately followed by installation of finished flooring.

Mapesonic 2 reduces transmission of impact sound (such as footsteps and dropped objects) and airborne sound (such as voice and TV) through floors when installed under ceramic tile, stone, vinyl and wood floorings. It also helps to prevent existing or future in-plane floor cracks (with movement up to 3/8" or 10 mm wide) from transmitting through grout, ceramic tile and natural-stone assemblies.

# Mapetape<sup>™</sup> BB

# **Butyl-Based, Sealing Tape for Use** with MAPEI's Bitumen-Based, Crack-**Isolation Membranes**

Mapetape BB is a butyl-based, waterproofing sealing tape for use with MAPEI peel-and-stick, crackisolation membranes. Mapetape BB has an extremely aggressive grip and superior long-term adhesion, ensuring immediate sealing upon contact. It is reverse-rolled for easy, fast application. A clear release liner on one side allows for easy handling and dry-fitting. Mapetape BB is compatible with Mapeguard® 2, Mapesonic™ 2, Mapesound™90 and Mapeguard CI membranes.

# MAPEI SM Primer™

# Water-Based Primer for MAPEI Peeland-Stick Membranes

MAPEI SM Primer is a ready-to-use, fast-drying, water-based, latex primer for use under MAPEI's peel-and-stick sheet membranes on residential and commercial indoor or outdoor floors. MAPEI SM Primer greatly increases the bond of MAPEI's peel-and-stick sheet membranes to concrete, plywood and other approved, properly prepared floors. It can be applied with a roller or brush, is white in color and dries clear.

	Product Code	Packaging
U.S.	2817215	Boxed roll: 39" x 49.2' (99 cm x 15 m) for 160 sq. ft. (14.9 m²) per roll

	Product Code	Packaging
u.s.	7392415	Roll: 6" x 50 ft. (15 cm x 15.2 m), 8 rolls per case

	Product Code	Packaging
U.S.	7346204 7346219	Jug: 1 U.S. gal. (3.79 L) Pail: 5 U.S. gals. (18.9 L)







# MAPEI SM Primer™ Fast

# Fast-Tacking, Water-Based Primer for **MAPEI Peel-and-Stick Membranes**

MAPEI SM Primer Fast is a ready-to-use, fast-drying, quick-tacking, water-based, pressure-sensitive, nonhydrolyzable latex primer for use under MAPEI's peel-and-stick sheet membranes on residential and commercial indoor or outdoor floors. MAPEI SM Primer Fast greatly increases the bond of MAPEI's peel-and-stick sheet membranes to concrete, plywood and other approved, properly prepared floors. It can be applied with a roller or brush, is white in color and dries clear.

# MAPEI HM Primer™

# Water-Based, Interior/Exterior Primer for Sheet Membranes

MAPEI HM Primer is a ready-to-use, low-VOC, water-based, quick-drying, hightack membrane primer. It is specifically formulated to promote maximum adhesion of MAPEI peel-and-stick sheet membranes to high-moisture substrates.

# Mapelastic® CI

ANSI A118.12; ASTM C627

# Professional, Roller-Applied Crack-**Isolation Membrane**

Mapelastic CI is a premixed, liquidrubber, quick-drying crack-isolation membrane for installation under ceramic tile or stone in residential and commercial interior and exterior environments. Mapelastic CI meets ANSI A118.12 requirements and prevents nonstructural, in-plane floor cracks up to 1/8" (3 mm) from transferring through grout, ceramic tile and stone. Once it has dried after about 30 to 50 minutes, Mapelastic CI is ready to receive most MAPEI polymer-modified or epoxy mortars.

	Product Code	Packaging
U.S.	0214904	Jug: 1 U.S. gal. (3.79 L) – 4 jugs per case

	Product Code	Packaging
U.S.	7493904	Jug: 1 U.S. gal. (3.79 L) – 4 jugs per case

	Product Code	Packaging
U.S.	1671704 1671713	Pail: 1 U.S. gal. (3.79 L) Pail: 3.5 U.S. gals. (13.2 L)







# Mapesonic™ RM

ANSI A118.12 and A118.13; ASTM C627 and E492-04

# Premium, Sound-Reduction Rubber Membrane

Mapesonic RM is a high-performance, acoustic underlayment designed to reduce ambient and impact sound transmissions in installations of ceramic and porcelain tile, natural stone, wood flooring, luxury vinyl tile (LVT), luxury vinyl plank (LVP), sheet vinyl and carpet tile. Mapesonic RM is ideal for applications in apartments, condominiums, college dormitories, classrooms and office buildings.



# Mapeguard® UM

# **Underlayment Membrane for Ceramic** Tile and Stone

Mapeguard UM is a premiumperformance, lightweight, waterproofing and vapor-pressure-equalizing underlayment membrane that provides crack suppression for use under ceramic tile and stone installations, for both residential and commercial applications. It is designed to perform over challenging substrates, such as young concrete and single-layer 3/4" (19 mm) plywood subfloors with joist spacing of up to 19.2" (49 cm) on center or up to 24" (61 cm) on center with double-layer plywood subfloors. The unique engineered trilayered design of Mapeguard UM absorbs lateral stress from the substrate without transferring this force to the tile or stone, which maintains exceptional bonds.



# Mapeguard® UM 35 [NA]

# Uncoupling, Crack-Isolation and Waterproofing Membrane

Mapeguard UM 35 is an uncoupling, crack-isolation, waterproofing and vapor-management membrane made from high-density polyethylene (HDPE) with a rough surface and polypropylene fabric backing. Mapeguard UM 35 is designed for installing ceramic and stone tile, including over existing noncushioned resilient flooring, ceramic tile and stone tile. It is designed to perform over challenging substrates, such as young concrete and single-layer 3/4" (19 mm) plywood subfloors with joist spacing of up to 19.2" (49 cm) on center.

	Product Code	Packaging
U.S.	2817409	Roll, 3/16" (5 mm) thick: 4' x 25' (1.22 x 7.62 m) for 100 sq. ft. (9.29 m²)
	2817809	Roll, 3/8" (10 mm) thick: 4' x 25' (1.22 x 7.62 m) for 100 sq. ft. (9.29 m²)

	Product Code	Packaging
U.S.	2850905 2850930	Roll: 39.4" x 16.4' (1 m x 5 m) Roll: 39.4" x 98.4' (1 m x 30 m)

	Product Code	Packaging
U.S.	2850605 2850430	Roll: 54 sq. ft. (5.02 m²) Roll: 323 sq. ft. (30.0 m²)









# Mapeguard® WP ST

# Waterproofing Sealing Tape for Mapeguard WP 200

Mapeguard WP ST is a fast and easy way to cover seams and wall upturns to provide waterproofing and vapor management protection when installing Mapeguard WP 200 waterproofing sheet membrane for ceramic tile and stone.



# Granirapid® System

ANSI A118.4F, A118.11 and A118.15F

#### 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.

# Mapeheat™ Membrane

# Lightweight Uncoupling, Crack-**Isolation and Waterproofing** Membrane

Mapeheat Membrane is a lightweight uncoupling, crack-isolation and waterproofing membrane that also provides vapor management and load support. This patented membrane is designed to speed the installation of tile and stone in interior rooms such as bathrooms, kitchens and three-season rooms where the luxury of radiant floor heating is desired. Mapeheat Membrane's thin profile works well with remodeling projects where the new floor will be installed directly over a preexisting one. Once the heating cable is set within Mapeheat Membrane's rounded square reliefs, a tile mortar can be applied immediately.

	Product Code	Packaging
	2855925	Sheets: 9 sq. ft. (0.84 m²) each, 25 sheets per box
U.S.	2855905 2855915	Roll: 54 sq. ft. (5.02 m²) Roll: 161 sq. ft. (15.0 m²)

	Product Code	Packaging
U.S.	2856405 2856410 2856430	Roll: 4.7" x 16.4' (12 cm x 5 m) Roll: 4.7" x 32.8' (12 cm x 10 m) Roll: 4.7" x 98.4' (12 cm x 30 m)







# Kerabond/Keralastic™ System

ANSI A118.4E, A118.11 and A118.15E

#### Premium, Flexible Tile Mortar

Kerabond/Keralastic System is a high-performance, two-part system: Keralastic®, a second-generation "flexible" acrylic latex additive, is used to enhance the performance of Kerabond®, which is a premiumgrade dry-set mortar. This system has exceptional bond strength, flexural strength, elongation and freeze/thaw durability. To ensure proper flexibility, always use a latex additive when applying a dry-set mortar over plywood or to set nonvitreous tiles.



# Kerabond® T / Keralastic® System

ANSI A118.4HE, A118.11 and A118.15HE

# Premium, Flexible, Large-and-Heavy-Tile and Thin-Set Mortar

Kerabond T/Keralastic System is a high-performance, two-part system: Keralastic, a second-generation "flexible" acrylic latex additive, is used to enhance the performance of Kerabond T, which is a premium-grade, large-and-heavy-tile mortar (formerly known as "mediumbed mortar") and thin-set mortar. This system has exceptional bond strength, flexural strength, elongation and freeze/thaw durability.



# Keraflex® Super

ANSI A118.4HET, ANSI A118.11 and A118.15HET

# Premium, Extra Smooth, Large-and-Heavy-Tile Mortar with Polymer

Keraflex Super is a highly versatile, nonsag/nonslump, large-and-heavytile mortar and thin-set mortar for tile and stone for installations on floors, walls and countertops. This polymermodified 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<sup>™</sup> 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.

















# Keraflex® Plus

ANSI A118.4HET and ANSI A118.11

# Professional, Extra Smooth, Largeand-Heavy-Tile Mortar with Polymer

Keraflex Plus is a highly versatile, nonsag/nonslump, large-and-heavy-tile mortar and thin-set mortar for tile and stone installations on floors, walls and countertops. This polymer-modified mortar is formulated with Easy Glide Technology<sup>™</sup> for ease of application and offers excellent adhesion to substrates and tile. It can also be used as a mortar over uncoupling, crack-isolation, sound-reduction and waterproofing membranes.

# Keraflex® SG

ANSI A118.4HET and ANSI A118.11

# Standard, Extra Smooth, Large-and-Heavy-Tile Mortar with Polymer

Keraflex SG is a standard-grade, versatile, large-and-heavy-tile mortar and thin-set mortar for tile and stone installations on floors, walls and countertops. It is formulated as nonsag for walls and nonslump for floors. Keraflex SG is a polymer-modified mortar formulated with Easy Glide Technology™ for ease of application and offers good adhesion to substrates and tile. It can also be used as a mortar over uncoupling, crack-isolation, sound-reduction and waterproofing membranes.

# Keraflex® RS

ANSI All8.4FHT and All8.11

# Professional, Rapid-Setting, Extra Smooth, Large-and-Heavy-Tile Mortar with Polymer

Keraflex RS is a fast-setting, highly versatile, large-and-heavy-tile mortar and thin-set mortar for tile and stone installation on floors, walls and countertops. It is formulated as nonsag for walls and nonslump for floors, allowing tiles to be grouted in as little as 3 to 4 hours after installation. Keraflex RS is a polymer-modified, smooth and creamy mortar formulated with Easy Glide Technology™ for ease of application and offers excellent adhesion to substrates and tile. It can also be used as a mortar over uncoupling, crack-isolation, sound-reduction and waterproofing membranes.



ISO 1	3007 C2TE	С2ТЕ	
	Product Code	Color	Packaging
U.S.	1196120USA 1196220USA		Bag: 44 lbs. (20.0 kg) Bag: 44 lbs. (20.0 kg)

ISO 1	3007 C2TF	C2TF	
	Product Code	Color	Packaging
U.S.	1191720USA 1191820	Gray White	Bag: 44 lbs. (20.0 kg) Bag: 44 lbs. (20.0 kg)











# Ultraflex® LFT™ Rapid Ul

ANSI A118.4FHT, A118.11 and A118.15FHT

# Premium, Rapid-Setting, Large-and-Heavy-Tile Mortar with Polymer

Ultraflex LFT Rapid is a premium, rapid-setting, nonsag, large-andheavy-tile mortar (formerly known as "medium-bed mortar") and thin-set mortar for large 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. Thanks to MAPEI's High-Hydrated Cement Technology (HCT<sup>™</sup>), *Ultraflex LFT Rapid* offers superior drying-out characteristics for quick curing and does not contribute to efflorescence. Ultraflex LFT Rapid is FastTrack Ready™, allowing grouting in 3 to 4 hours.



# Ultraflex® L<u>FT™</u>

ANSI A118.4HET, A118.11 and A118.15HET

# Premium, Large-and-Heavy-Tile Mortar with Polymer

Ultraflex LFT is a premium, nonsag, large-and-heavy-tile mortar and thinset 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. 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.



# **Ultraflex® RS**

ANSI A118.4F, A118.11 and A118.15F

# Premium, Rapid-Setting Tile Mortar with Polymer

Ultraflex RS is a premium-grade, single-component, high-performance, polymer-modified, rapid-setting thinset mortar for interior and exterior installations of tile. This mortar has a high content of unique dry polymer, resulting in excellent adhesion to the substrate and tile. Ultraflex RS is a  $\mathsf{FastTrack}\ \mathsf{Ready}^{\scriptscriptstyle\mathsf{TM}}\ \mathsf{product}, \mathsf{allowing}$ grouting in 2 to 3 hours. It can be used for both interior and exterior installations of tile in most residential floor and wall applications. In commercial applications, use on interior floor and wall installations and exterior floors. Thanks to MAPEI's High-Hydrated Cement Technology (HCT<sup>™</sup>), *Ultraflex RS* offers superior drying-out characteristics for quick curing and does not contribute to efflorescence. Ultraflex RS meets or exceeds ANSI A118.4F, ANSI A118.11 and ANSI A118.15F requirements for fastsetting mortars when mixed with water.





















# **Ultraflex LHT®**

ANSI All8.4HET and All8.11

# Professional, Large-and-Heavy-Tile Mortar with Polymer

Ultraflex LHT is a non-sag, large-and-heavy-tile mortar and thin-set mortar for large-format and heavy tile and stone for interior/exterior installations on floors, walls and countertops. Ultraflex LHT is designed for use at 1/2" (12 mm) thickness to give better support under large-format tile. This polymer-modified mortar is formulated with Easy Glide Technology™ for ease of application with excellent adhesion to the substrate and tile.

# Ultraflex® 2

ANSI A118.4E and A118.11

# **Professional Tile Mortar with Polymer**

Ultraflex 2 is a professional-grade, single-component, high-performance, polymer-modified thin-set mortar for interior and exterior installations of ceramic, porcelain and dimensional natural-stone tile. This mortar has a high content of a unique dry polymer, resulting in excellent adhesion to the substrate and tile. Ultraflex 2 meets or exceeds ANSI A118.4E and ANSI A118.11 requirements when mixed with water. Ultraflex 2 can be used for interior and exterior installations of tile in most residential floor and wall applications. In commercial applications, use on interior floor and wall installations and exterior floors.

# Ultraflex® 1

ANSI A118.4E and A118.11

# Standard Tile Mortar with Polymer

Ultraflex 1 is a standard-grade, single-component, polymer-modified thin-set mortar for most interior and exterior installations of tile. This mortar has an above-average content of a unique dry polymer, resulting in good adhesion to the substrate and tile. Ultraflex 1 can be used for both interior and exterior installations of tile in most residential floor and wall applications. In commercial applications, use on interior floor and wall installations and exterior floors. Ultraflex 1 meets or exceeds ANSI A118.4E and ANSI A118.11 requirements when mixed with water.



ISO 13	3007 C2EP1	C2	Formulae of technique
	Product Code	Color	Packaging
U.S.	2905823 2905923	Gray White	Bag: 50 lbs. (22.7 kg) Bag: 50 lbs. (22.7 kg)













# Ker® 111

# **Basic Tile Mortar with Polymer**

Ker 111 is a single-component, thinset mortar for interior and exterior installations of dimensional stone, ceramic, porcelain and quarry tile. This mortar is formulated with a unique dry polymer, resulting in good adhesion to substrates and tile.

# Adesilex™ P10 Mosaic & Glass Tile

ANSI A118.4ET and A118.11 when mixed with

# Premium Mosaic and Glass Tile Mortar with Polymer

Adesilex P10 Mosaic & Glass Tile is a premium-grade, bright white, multipurpose thin-set mortar formulated with non-sag properties. Adesilex P10 Mosaic & Glass Tile is designed for glass tile, glass mosaic and marble mosaic, and is ideal for light translucent natural stone.

# Adesilex™ P10 RS Mosaic & Glass Tile

# Premium, Rapid-Setting Mosaic & Glass Tile Mortar with Polymer

Adesilex P10 RS Mosaic & Glass Tile is a rapid-setting, premium-grade, bright white, multipurpose thin-set mortar formulated with nonsag properties. Adesilex P10 RS Mosaic & Glass Tile is designed for glass tile, glass mosaic and marble mosaic, and is ideal for light translucent natural stone.













# **Ultraflex LHT® SG**

ANSI A118.4HET when mixed with water and ANSI A118.11 when mixed with *Keraply*®

# Standard, Large-and-Heavy-Tile Mortar with Polymer

Ultraflex LHT SG is a standard-grade, nonsag, nonslump, polymer-modified, large-and-heavy-tile mortar and thin-set mortar for interior/exterior installations on floors, walls and countertops. It is used to install large-format and heavy tile/stone, including porcelain tile, heavy-ribbed-back tile, brick pavers, dimensional tile and natural-stone tile. Ultraflex LHT SG is designed for use at 3/32" to 1/2" (2.5 to 12 mm) thickness to give better support under largeformat tile. This mortar is formulated with Easy Glide Technology™ for ease of application and good adhesion to the substrate and tile.

# **MAPEI Ultralite® S2**

ANSI A118.4HE, A118.11, A118.15HE and A138.1

# Premium, Highly Deformable, Lightweight, Gauged-Tile Mortar with Polymer

MAPEI Ultralite S2 is a premium-grade, lightweight, single-component thinset mortar that is ideal for installation of gauged (formerly "thin") porcelain tile. This high-performance, highly deformable, polymer-modified mortar is formulated with Easy Glide Technology™ for ease of application. MAPEI Ultralite S2 features a long open time, extended coverage and superior transfer properties to enhance back-buttering, which is ideal for gauged porcelain tiles as well as ceramic tiles and stone material. MAPEI Ultralite S2's unique Ultralite Technology™ provides twice the coverage of a standard thin-set mortar per pound/kg and may contribute to LEED points with 20% recycled content.

# **MAPEI Ultralite® Mortar**

ANSI A118.4HET, A118.11, A118.15HET and A138.1

# Premium, Lightweight Mortar with Polymer for Large and Heavy Tile

MAPEI Ultralite Mortaris a premiumgrade, lightweight, single-component mortar that can also be used for large-and-heavy-tile and nonsag applications, and that can also be used for 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.





























## MAPEI Ultralite® Mortar Pro MAPEI U

ANSI A118.4HET, A118.11 and A138.1

## Professional, Lightweight Mortar with Polymer for Large and Heavy Tile

MAPEI Ultralite Mortar Pro is a professional-grade, lightweight, single-component thin-set mortar that can also be used for large-and-heavy-tile and nonsag applications. This polymer-modified mortar is formulated with Easy Glide Technology™ for ease of application. MAPEI Ultralite Mortar Pro's unique Ultralite Technology™ provides twice the coverage of a standard thin-set mortar per pound/kg and contains more than 20% recycled content.



## MAPEI Ultralite® Mortar Zero

ANSI A118.4HET, A118.11, A118.15HET and A138.1

#### Premium, CO<sub>2</sub>-Neutral, Lightweight Mortar with Polymer for Large and Heavy Tile

MAPEI Ultralite Mortar Zero is a premium-grade, lightweight, singlecomponent mortar for large-andheavy-tile and nonsag applications. and that can also be used for thinset mortar installations. This highperformance, 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 Zero utilizes Ultralite Technology™ for twice the coverage of a standard thin-set mortar per pound/kg and contains more than 20% recycled content.



#### **Ultrabond ECO® GPT**

# Hybrid-Polymer-Based Adhesive for Gauged Porcelain Tile

Ultrabond ECO GPT is a singlecomponent, nonsag, easy-to-trowel, hybrid-polymer-based adhesive technology specially designed for the installation of gauged porcelain tile and gauged porcelain tile panels/ slabs on interior vertical surfaces and countertops. Unique technology advancements are incorporated in the formulation of Ultrabond ECO GPT for delivering instant grab, while allowing for the needed adjustability of panels and large-format tile. Superior bonding performance is complemented with flexibility, deformability and quick-curing characteristics to meet the demands of installing gauged porcelain tile, panels and slabs with application-friendly properties.





	Product Code	Packaging
U.S.	3584615	Pail: 4 U.S. gals. (15.1 L)



















## Kerapoxy® 410

#### Premium, 100%-Solids, Epoxy Setting Mortar

Kerapoxy 410 is a two-component, solvent-free, 100%-solids, epoxy setting floor and wall mortar that is suited for areas where most chemical-resistant setting material is necessary. It also has high compressive strength, which provides excellent impact strength in commercial facilities. Kerapoxy 410 is designed for setting most types of tile and stone.

## Planicrete® W

#### Flexible Setting Compound

Planicrete W is tremendously flexible and excellent for installing tile over wellsupported and properly prepared steel substrates (such as ship decks, elevators, steel staircases and bank vaults). It is designed for setting most types of tile, including moisture-sensitive tile, natural stone and their agglomerates.

## Kerapoxy® SB

ANSI A118.3

#### Premium, Spot-Bonding, Epoxy **Setting Mortar**

Kerapoxy SB is a two-component, solvent-free, 100%-solids, high-strength epoxy mortar that is suited for the spot-bonding method of tile and stone installations on residential and commercial vertical applications. The nonsag, non-staining formulation of Kerapoxy SB is designed for setting most types of tiles and stones.



ISO 130	007 R2	
	Product Code	Packaging
U.S.	0379007	Kit: 1.8 U.S. gals. (6.81 L)







## Kerapoxy® SB Disposable **Mixing Nozzles**

Kerapoxy SB Disposable Mixing Nozzles are designed to be used with the 20.3-U.S.-oz. (600-mL) dual cartridges of Kerapoxy SB and Kerapoxy SB Rapid spot-bonding, epoxy setting mortars.



## Kerabond®

ANSI A118.1

#### **Premium Tile Mortar**

Kerabond is a premium-grade, dryset mortar for use in interior/exterior residential and commercial floor and wall applications when mixed with water.

## Kerapoxy® SB Rapid

#### Premium, Rapid, Spot-Bonding, Epoxy **Setting Mortar**

Kerapoxy SB Rapid is a fast-setting, twocomponent, solvent-free, 100%-solids, high-strength epoxy mortar that is suited for the spot-bonding method of tile and stone installations on residential and commercial vertical applications. The nonsag, non-staining formulation of Kerapoxy SB Rapid is designed for setting most types of tiles and stones.



	Product Code	Packaging
U.S.	810327	Box: 12 units













## Kerabond® T

#### Premium, Large-and-Heavy-Tile and **Thin-Set Mortar**

Kerabond T is a premium-grade, nonsag, nonslump mortar for use in thin-set and large-and-heavy-tile (formerly known as "medium-bed") applications in interior/exterior residential and commercial floors and walls when mixed with water.

## Keraset®

#### **Professional Tile Mortar**

Keraset is a dry-set mortar for use in interior/exterior residential and light commercial floor and wall applications.

## **Keraflor®**

ANSI A118.1

#### **Standard Tile Mortar**

Keraflor is a dry-set mortar for use in interior/exterior residential and light commercial floor applications.













## Keralastic®

#### **Premium Latex Additive for** Kerabond® and Kerabond T

Keralastic is a premium-grade, highperformance, second-generation "flexible" acrylic latex additive used in the  $\mathit{Kerabond/Keralastic}^{\scriptscriptstyle{\mathsf{TM}}}$  and  $\mathit{Kerabond}$ T/Keralastic systems. This highly recommended additive enhances bond strength, flexural strength, elongation and freeze/thaw durability. To ensure proper flexibility, always use a latex additive when using a dry-set mortar for applications over plywood and for setting nonvitreous, semivitreous, vitreous and impervious tiles.

## **Keraply**®

#### **Professional Latex Additive for Tile** Mortar

Keraply is a professional-grade, acrylic latex admixture used to enhance the performance of MAPEI's non-modified, dry-set mortars as well as  $Adesilex^{\text{\tiny M}}$ P10 glass tile mortar. As a highly recommended admixture, Keraply enhances bond strength, flexural strength, elongation and freeze/thaw durability.

## Type 1™

ANSI A136.1, Type 1

#### **Premium Tile Adhesive**

Type 1 is a premium-grade, traditional, nonflammable, acrylic adhesive for setting glazed and unglazed ceramic and porcelain tiles on walls, floors and countertops. This adhesive is used for interior applications only.

	Product Code	Packaging
U.S.	0970508 0970519 0970578	Jug: 2 U.S. gals. (7.57 L) Pail: 5 U.S. gals. (18.9 L) Drum: 55 U.S. gals. (208 L)

	Product Code	Packaging
U.S.	0141102 0141108 0141119 0141178	Bottle: 54.4 U.S. oz. (1.61 L) Jug: 2 U.S. gals. (7.57 L) Pail: 5 U.S. gals. (18.9 L) Drum: 55 U.S. gals. (208 L)

ISO	ISO 13007 DITE		
	Product Code	Packaging	
U.S.	0116543 0116504 0116513	Pail: 1 U.S. qt. (946 mL) Pail: 1 U.S. gal. (3.79 L) Pail: 3.5 U.S. gals. (13.2 L)	









#### Ker® 909

ANSI A136.1, Type 1

#### **Professional Tile Adhesive**

Ker 909 is a ready-to-use, nonflammable, high-viscosity, synthetic polymer emulsion-based adhesive. Ker 909 is used for residential and light commercial interior installations of wall tiles up to 8"  $\times$  8" (20  $\times$  20 cm), and interior residential floor and countertop tile up to 6" x 6" (15 x 15 cm). Ker 909 also has a minimal odor, making it ideal for tile installations in confined or restricted areas.

## Kerapoxy® CQ

#### Premium, Epoxy Grout and Mortar with Color-Coated Quartz

Kerapoxy CQ is a two-component, 100%-solids, epoxy grout and mortar that is nonsagging/nonslumping in joints up to 3/8" (10 mm) in width, watercleanable and easy to apply. Kerapoxy CQ uses a proprietary aggregate to achieve its durable color, making it excellent for countertops, high-traffic areas, and areas needing stain and chemical resistance. Easy to maintain, Kerapoxy CQ will clean to the original color and contains BioBlock® technology to help protect against mold and mildew.

## Kerapoxy® IEG CQ

ANSI A118.3 and A118.5

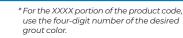
#### 100%-Solids, Industrial-Grade, Epoxy **Grout with Color-Coated Quartz**

Kerapoxy IEG CQ is a water-cleanable, 100%-solids, epoxy grout with high chemical and stain resistance. It is a nonshrinking, nonsagging, fast-curing, efflorescence-free grout. Color-coated quartz dramatically improves its cleanability, so that Kerapoxy IEG CQ leaves very little film residue during cleanup of excess grout with a grout float. The color-coated quartz also eliminates pigment bleed, so tiles are not stained during installation. This grout is perfectly suited for use in commercial kitchens, meat packing houses, and any commercial and institutional floors that require daily cleaning with enzymatic cleaners. Kerapoxy IEG CQ is ideal for applications where high-strength, mold- and mildew-resistant grout joints are required. In addition, it has high temperature resistance and can be steam-cleaned.



IS	SO 13007	7 R2/RG	2 RG
		Product Code	Packaging
U	.s.	5UBXXXX04*	Kit: 1 U.S. qt. (946 mL) Kit: 1 U.S. gal. (3.79 L) Kit: 2 U.S. gals. (7.57 L)

use the four-digit number of the desired















## **Kerapoxy®**

ANISLATIR 3

#### Premium, Epoxy Grout and Mortar

Kerapoxy is a premium-grade, watercleanable, 100%-solids, high-strength, chemical-resistant, non-sagging, epoxy grout and mortar that offers excellent stain and chemical resistance. This versatile product is ideal for a wide range of projects, from countertops to shopping malls to airport terminals.

Some colors are available only as complete batches by special order. Consult your MAPEI representative about ordering limitations.

#### Ultracolor® Plus FA

ANSI A118.6 and A118.7

#### Rapid-Setting, "All-in-One" Grout Replacement for Sanded and Unsanded Grouts

Ultracolor Plus FA - with DropEffect™ technology and CO<sub>2</sub> emissions fully offset in the product's life cycle - is an ultra premium, fine-aggregate, fast-setting, polymer-modified, colorconsistent, nonshrinking, efflorescencefree 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 the common problems related to Portland-cement grout, 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.

#### **Ultracolor® Plus Max**

ANSI A118.6 and A118.7

#### High-Performance, Rapid-Setting Grout with Maximized Color Depth and Color Consistency

Ultracolor Plus Max is an ultra-premium, fast-setting, polymer-modified nonshrinking grout that offers rich and vibrant colors with maximized color depth and color consistency. This fine-aggregate grout can be used for joint widths from 1/16" to 3/4" (1.5 to 19 mm). *Ultracolor Plus Max* includes DropEffect™ technology for reduced surface absorption, helping to repel water, dirt and grime from penetrating grout joints. It is also specially formulated with MAPEI's High-Hydrated Cement Technology (HCT™) to provide advantages over traditional grout, such as eliminating efflorescence and increasing stain resistance. It is available in two colors: Pure White (#5117) and Jet Black (#5118).

# Product Packaging U.S. SUCXXXX04\* Kit: 1 U.S. gal. (3.79 L) 5UCXXXX08\* Kit: 2 U.S. gals. (7.57 L)

\*For the XXXX portion of the product code, use the four-digit number of the desired grout color.



\* For the XXXX portion of the product code, use the four-digit number of the desired grout color.











\*For the XXXX portion of the product code, use the four-digit number of the desired grout color.













## Keracolor® S Sanded Grout

#### **Premium Sanded Grout with Polymer**

Keracolor S Sanded Grout is a premiumgrade, pre-blended, polymer-modified sanded Portland-cement tile grout that requires only the addition of water for mixing. It will grout joints from 1/8" to 5/8" (3 to 16 mm).

Some colors are available only as complete batches by special order. Consult your MAPEI representative about ordering limitations.

## Keracolor® U Unsanded Grout

#### **Premium Unsanded Grout with Polymer**

Keracolor U Unsanded Grout is a premium-grade, pre-blended, polymermodified unsanded Portland-cement tile grout that requires only the addition of water for mixing. It will grout joints from 1/16" to 1/8" (1.5 to 3 mm).

Some colors are available only as complete batches by special order. Consult your MAPEI representative about ordering limitations.

#### MAPEI Flexcolor® CQ

ANSI A118.3 and A118.6 (Partial)

#### Ready-to-Use Grout with Color-Coated Quartz

MAPEI Flexcolor CQ is a professionalgrade, ready-to-use specialty grout for precision commercial and residential installations with porcelain, ceramic and natural-stone tiles. MAPEI Flexcolor CQ can be used to grout interior/ exterior tile, and its dense composition helps to prevent water-based stains by providing water repellency to the grout surface. MAPEI Flexcolor CQ is formulated with the latest innovation in quartz aggregate, which ensures color consistency, ease of cleanability and improved workability. In addition, this grout can be used on sensitive tile surfaces once tested, requires no sealer and cures naturally from evaporation of the low level of water in the formulation.

Comparison testing of MAPEI Flexcolor CQ versus traditional Portland-cement grout has verified that MAPEI Flexcolor CQ is 30% more cost-efficient (based on typical rates of installers) and requires 65% less time to install.

# Packaging 5UJXXXX05\* Bag: 10 lbs. (4.54 kg) Bag: 25 lbs. (11.3 kg)

\* For the XXXX portion of the product code, use the four-digit number of the desired grout color.

ISO 13007 CG2WA		
	Product Code	Packaging
U.S.		Bag: 10 lbs. (4.54 kg) Bag: 25 lbs. (11.3 kg)

\* For the XXXX portion of the product code. use the four-digit number of the desired grout color.

	Product Code	Packaging
U.S.		Pail: 1 U.S. gal. (3.79 L) Pail: 2 U.S. gals. (7.57 L)

\* For the XXXX portion of the product code. use the four-digit number of the desired grout color.









#### MAPEI Flexcolor® 3D

ANSI A118.3 and A118.6 (Partial)

#### Ready-to-Use, Translucent Grout with an "Iridescent Effect" Finish

MAPEI Flexcolor 3D is a professional-grade, ready-to-use (RTU) translucent specialty grout with a "iridescent effect" finish. It is offered in 10 designer colors with translucent characteristics that not only reflect but also refract light. This allows the grout to transition in color to complement the tile color. The "translucent effect" is most noticeable with the color Crystal Moon (#201), while the other nine colors exhibit a more pronounced "iridescent effect."

MAPEI Flexcolor 3D is also formulated for commercial and residential interior installations of porcelain, ceramic, glass and natural-stone tiles. Plus, the dense surface structure of the grout helps to prevent waterbased stains on the grout surface.



#### MAPEI Flexcolor® Design

ANSI A118.3 and A118.6 (Partial)

#### Professional-Grade, Ready-to-Use **Specialty Grout with Personalized Computer Color-Matching**

MAPEI Flexcolor Design is a professionalgrade, ready-to-use (RTU) specialty grout that allows you to "design your color," any color.

MAPEI Flexcolor Design is formulated for commercial and residential interior installations of porcelain, ceramic, glass and natural-stone tiles. Plus, the dense surface structure of the grout helps to prevent water-based stains on the grout

Note: This product is exclusively for National Brand Accounts and Commercial Projects. For complete information on samples and ordering, contact your local MAPEI architectural representative.



## MapeLevel<sup>™</sup> EasyWDG **System**

#### Tile Lippage-Control, Edge-Leveling System for Floors and Walls

MapeLevel EasyWDG System provides greater quality and consistency in tile finishes by reducing the effects caused by slight variations in substrates and tiles. Unlike most of the lippage-control systems currently available on the market, MapeLevel EasyWDG System has been designed to be applied entirely by hand. The ergonomic shape of the MapeLevel EasyWDG wedge allows it to be inserted smoothly and quickly into the MapeLevel EasyWDG Spacer M clips. MapeLevel EasyWDG Pliers are available where the use of a tool is preferred. Quick and easy to apply, the wedge and clips can prevent tile lippage and promote a flat tile surface.

	Product Code	Packaging
J.S.	4KNXXXX02*	Pail: 0.5 U.S. gal. (1.89 L)

use the four-digit number of the desired arout color.

\* For the XXXX portion of the product code,



	Product Code	Packaging
U.S.	4KD1XXXX08†	Pail: 2 U.S. gals. (7.57 L)

<sup>†</sup> For the "XXXX" portion of the product code, a unique four-digit number will be assigned by MAPEI.











## MapeLevel<sup>™</sup> ProWDG System

## Professional, Tile Lippage-Control, **Edge-Leveling System for Floors and**

MapeLevel ProWDG System provides greater quality and consistency in tile finishes by reducing the effects caused by slight variations in substrates and tiles. Quick and easy to apply, its two simple elements (wedges and spacer clips) can prevent tile lippage and promote a flat tile installation. MapeLevel ProWDG System is a lippage-control system for tiles of various thicknesses and sizes, especially for large-format tiles. Its wedges can be used with ceramic and stone tiles from 1/8" to 3/4" (3 to 20 mm) in thickness.

## MapeLevel™ Easy System

#### Tile Lippage-Control, Edge-Leveling System Using Caps and Threaded **Spacers**

MapeLevel Easy System offers combinations of caps and threaded spacers for lippage control in ceramic and stone tile installations from 1/8" to 3/4" (3 to 21 mm) in thickness. MapeLevel Easy System can eliminate the effects caused by slight variations in substrates and tiles, promoting a flat tile surface. MapeLevel Easy Cap edge-leveling caps can be applied easily and quickly. MapeLevel EasyClick Cap squeezebutton caps offer an even faster application, with a built-in scratch guard. Both types of caps are reusable and feature an open-view design that allows the installer to check for proper lippage control.

## Keracaulk® <u>S</u>

#### Premium, Sanded Siliconized Acrylic Caulk

Keracaulk S is a premium-grade, easyto-use, easy-to-clean, siliconized, sanded acrylic caulk. It is available in select colors to match all of MAPEI's grout colors.

	Product Code*	Product/Size
	Leveling wedges, 100 pcs. per bag	
	8117214	MapeLevel ProWDG
	MapeLevel ProWDG Spacer C clips, 250 pcs. per bag	
		1/32" (1 mm)
		1/16" (1.5 mm)
		3/32" (2 mm)
		1/8" (3 mm)
U.S.		5/32" (4 mm)
	8116812	3/16" (5 mm)
	MapeLevel	ProWDG Spacer C-H clips,
	50 pcs. per	bag
	8116040	1/32" (1 mm)
	8116140	3/32" (2 mm)
	8116240	1/8" (3 mm)
	8116340	3/16" (5 mm)

	Product Code*	Product/Size
	8109116	MapeLevel Easy Cap, 50 pcs. per bag
	8109210	MapeLevel EasyClick Cap, 50 pcs. per bag
	8110835	MapeLevel Easy Shield, 50 pcs. per bag
	MapeLevel Easy Spacer, 100 pcs. per bag	
	8110325	<i>L-I</i> , 1/32" (1 mm)
	8110425	
	8110525	<i>L-I</i> , 3/32" (2 mm)
U.S.	8110625	<i>L-I</i> , 1/8" (3 mm)
	8110725	<i>L-I</i> , 3/16" (5 mm)
	8109325	<i>L-T</i> , 1/32" (1 mm)
	8109425	
	8109525	L-T, 3/32" (2 mm)
	8109625	L-T, 1/8" (3 mm)
	8109725	L-T, 3/16" (5 mm)
	8109825	L-X, 1/32" (1 mm)
	8109925 8110025	L-X, 1/16" (1.5 mm) L-X, 3/32" (2 mm)
	8110025	L-X, 3/32 (2 MM) L-X, 1/8" (3 mm)
	8110225	L-X, 3/16" (5 mm)

	Product Code	Packaging
U.S.	4JAXXXX33*	Cartridge: 10.5 U.S. oz. (311 mL)
	* For the XXXX portion of the product code	

use the four-digit number of the desired grout color.











## Keracaulk® U

#### Premium, Unsanded Siliconized **Acrylic Caulk**

Keracaulk U is a premium-grade, easy-to-use, easy-to-clean, siliconized, unsanded acrylic caulk. It is available in select colors to match all of MAPEI's grout colors.

## Mapesil® T Plus

ASTM C920; TCNA EJ171

#### 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.

## Mapesil® 3D

#### 100%-Silicone Sealant for Corner and Change-of-Plane Joints

Mapesil 3D is a professional-grade, 100%-silicone sealant for use on multiple substrates. This sealant is specifically formulated to offer direct color matches to MAPEI Flexcolor® 3D grout.

	Product Code	Packaging
u.s.	4JBXXXX33*	Cartridge: 10.5 U.S. oz. (311 mL)

 $<sup>^{*}</sup>$  For the XXXX portion of the product code, use the four-digit number of the desired grout color.

	Product Code	Packaging
U.S.	3BUXXXX91*	Cartridge: 10.1 U.S. oz. (299 mL)

<sup>\*</sup> For the XXXX portion of the product code, use the four-digit number of the desired grout color.

	Product Code	Packaging
U.S.	6UTXXXX91*	Cartridge: 10.1 US oz. (299 mL)

\* For the XXXX portion of the product code, use the four-digit number of the desired grout color.











## **MAPEI Headquarters of North America**

1144 East Newport Center Drive Deerfield Beach, Florida 33442 1-888-US-MAPEI (1-888-876-2734) / (954) 246-8888

#### **Technical Services**

1-800-992-6273 (U.S. and Puerto Rico) 1-800-361-9309 (Canada)

#### **Customer Service**

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

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