Concrete Restoration Systems

- Patching and Skimcoating Compounds
- Screed Mortars
- Concrete Repair Mortars
- Construction Grouts
- Exterior Finishing
- Waterproofing
- Repair Epoxies
- Admixtures
- Corrosion Protection
- Coatings and Sealers
- Sealants and Joint Fillers
- Moisture Control Products
- Decorative Toppings
- Cure and Seals
- Densifiers
- Self-Leveling Underlayments
- Primers for Self-Leveling
SUPERIOR PRODUCTS

FULL-BREADTH PRODUCT LINES
MAPEI products offer complete installation system solutions to address all your concrete restoration, tile and flooring needs from a single source.

SUPERIOR-QUALITY PRODUCTS
MAPEI is an ISO 9001-2000 certified company. Our 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 brings you the largest, most highly trained sales force within the industry to serve your needs for product application/installation recommendations. Our sales representatives are focused on supporting you with product knowledge, product demonstrations, product information, marketing support elements 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, Regional Technical Services Field Consultants provide field support, specializing in on-site employee training and jobsite product application oversight.

CUSTOMER SERVICE PLUS
MAPEI's standards for customer service are best-in-class. Our leadership includes such service innovations as:

- Customer-friendly, efficient processes
- One-call resolution
- Employee commitment to effective customer dialog
INNOVATIVE RESEARCH & DEVELOPMENT

Worldwide, more than 12% of MAPEI employees are involved in the development of new technologies and product innovations, keeping our customers at the forefront of the flooring industry. The company has taken the additional initiative of focusing its R&D efforts on environmentally sustainable solutions.

To remain on the cutting edge of innovation, MAPEI reinvests 5% of its annual revenues into researching and developing new products and technologies. This corporate priority has produced such innovations as:

- **High-Hydrated Cement Technology (HCT™)**, which offers high early strength, excellent workability, ultra fast curing, unmatched long-term durability to products and efflorescence-free curing.

- **Easy Glide Technology™** offers extreme ease of application, yielding a buttery consistency that reduces fatigue during troweling.

- **BioBlock® technology**, which helps to protect select MAPEI products from mold and mildew.

- **FastTrack Ready™ products**, which reduce the required steps of an installation and/or perform more quickly than current technology.

BEST-BACKED™ WARRANTY PROGRAM

To bring it all together, MAPEI complements the industry’s best products with simple, easy-to-understand requirements for comprehensive warranties — allowing you to build systems within desired warranty timeframes.

### TABLE OF CONTENTS

<table>
<thead>
<tr>
<th>Product Information</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>Index to Technology Logos</td>
<td>2</td>
</tr>
<tr>
<td>Patching and Skimcoating Compounds</td>
<td>2</td>
</tr>
<tr>
<td>Screed Mortars</td>
<td>3</td>
</tr>
<tr>
<td>Concrete Repair Mortars</td>
<td>4-7</td>
</tr>
<tr>
<td>Construction Grouts</td>
<td>8-9</td>
</tr>
<tr>
<td>Exterior Finishing</td>
<td>9-10</td>
</tr>
<tr>
<td>Waterproofing</td>
<td>10-13</td>
</tr>
<tr>
<td>Repair Epoxies</td>
<td>14-15</td>
</tr>
<tr>
<td>Admixtures</td>
<td>15-16</td>
</tr>
<tr>
<td>Corrosion Protection</td>
<td>16-17</td>
</tr>
<tr>
<td>Coatings and Sealers</td>
<td>18-23</td>
</tr>
<tr>
<td>Sealants and Joint Fillers</td>
<td>23-24</td>
</tr>
<tr>
<td>Moisture-Control Product</td>
<td>24</td>
</tr>
<tr>
<td>Decorative Toppings</td>
<td>25</td>
</tr>
<tr>
<td>Cure and Seals</td>
<td>25</td>
</tr>
<tr>
<td>Densifiers</td>
<td>26-27</td>
</tr>
<tr>
<td>Self-Leveling Underlayments</td>
<td>27-29</td>
</tr>
<tr>
<td>Primers for Self-Leveling</td>
<td>29-30</td>
</tr>
</tbody>
</table>
Products developed with MAPEI’s “green innovation” are LEED-compliant, helping to contribute valuable points toward LEED-certified projects.

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

Corrosion Inhibitor Enhanced repair mortars feature proprietary additives that fortify the passivation layer on embedded reinforcing steel, enhancing its resistance to corrosion.

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

Products featuring High-Hydrated Cement Technology (HCT™) offer high early strength, excellent workability, ultra fast curing, unmatched long-term durability and efflorescence-free curing.

MAPEI’s BioBlock technology has been added to select products to help protect them from mold and mildew.

**Mapecem® Quickpatch**

**High-Performance, High-Flow Concrete Patch**

*Mapecem Quickpatch* is a versatile, fast-setting, cementitious material used for the patching of interior/exterior concrete surfaces including concrete floors, driveways, sidewalks and concrete pads. *Mapecem Quickpatch* features extraordinary ease of placement, with a variable water ratio and outstanding workability. Light gray *Mapecem Quickpatch* can be applied from featheredge to 3” (7.5 cm) for ramping or filling. That makes it ideal for restoring weathered, damaged concrete surfaces to a uniform, superior-wearing and better-than-new appearance. When used for horizontal substrate repair before application of self-leveling underlayments, *Mapecem Quickpatch* sets fast for easy and cost-efficient repairs, minimizing jobsite turnaround time.

**Tilt Finish™**

**Smoothing and Finishing Compound for Concrete Surfaces**

*Tilt Finish* is a versatile, fast-setting, polymer-modified material utilizing a proprietary blend of cements and extremely fine aggregate. *Tilt Finish* is ideal for producing a smooth finish on concrete surfaces including tilt wall, poured-in-place concrete, masonry, pre-cast beams and columns. *Tilt Finish* features extraordinary ease of placement, with a variable water ratio, extended pot life and outstanding workability. Light gray *Tilt Finish* can be applied from featheredge, up to 1/2” (12 mm) in confined areas. Ease of placement makes it ideal for covering imperfections in concrete surfaces, providing a uniform and light gray appearance, or a smooth surface before painting or application of coating.

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Packaging</th>
</tr>
</thead>
<tbody>
<tr>
<td>10510000</td>
<td>Bag: 10 lbs. (4.54 kg)</td>
</tr>
<tr>
<td>10525000</td>
<td>Bag: 25 lbs. (11.3 kg)</td>
</tr>
<tr>
<td>10550</td>
<td>Bag: 50 lbs. (22.7 kg)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Packaging</th>
</tr>
</thead>
<tbody>
<tr>
<td>14720</td>
<td>Bag: 20 lbs. (9.07 kg)</td>
</tr>
</tbody>
</table>
Ready-to-Use, Accelerated-Cure Screed
Topcem Premix is a ready-to-use mortar requiring only the addition of water. Topcem Premix is suitable in both bonded and unbonded, interior and exterior applications. Topcem Premix has an accelerated cure, allowing for installation of ceramic flooring in 24 hours after placement, and nonbreathable flooring systems in 48 hours. Topcem Premix can easily be screeded or sloped, and has the workability and working time of conventional mortars but with a much faster curing time. It is ideal for interior or exterior repairs such as filling trenches, re-sloping balconies, and forming screeds that may or may not receive subsequent flooring installations.

Medium-Build, One-Component, Fast-Setting Mortar
Mapecem 102 is a one-component, shrinkage-compensated, polymer-modified, fast-setting cementitious mortar with a corrosion inhibitor and silica fume. Mapecem 102 is intended for the renovation and topping of interior/exterior horizontal concrete surfaces, such as tunnels, bridges, overpasses, factory floors, warehouse floors and loading docks; new and existing concrete slabs; and the construction of floating or monolithic toppings where fast drying is required to allow traffic within 4 hours.

Medium-Build, Two-Component, Fast-Setting Mortar
Mapecem 202 is a two-component, shrinkage-compensated, polymer-modified, fast-setting cementitious mortar with a corrosion inhibitor. Mapecem 202 contains silica fume and is intended for the repair and topping of interior/exterior horizontal concrete surfaces, where a durable, high-strength and low permeability concrete is required. Mapecem 202 is excellent for heavy-duty industrial applications, including manufacturing and warehouse floors, loading docks and tipping floors for smelting metals, where fast drying is required to allow pedestrian and rubber-wheel traffic within 4 hours.
Planitop® FD

Full-Depth Repair Mortar

Planitop FD is a one-part, shrinkage-compensated, cementitious, self-compacting flowable mortar for a variety of structural repairs. Planitop FD contains a corrosion inhibitor and is suited for form-and-pour applications as well as flatwork repairs at depths from 1/2” to 4” (12 mm to 10 cm) neat. Planitop FD is pumpable and ideal for deep repairs that require ease of placement and a rapid return to service.

Planitop® X

One-Component, Fast-Setting, Fiber-Reinforced, Vertical and Overhead Repair Mortar

Planitop X is a one-component, fiber-reinforced, shrinkage-compensated, high-early-strength, fast-setting, polymer-modified, high-build cementitious repair mortar with a corrosion inhibitor. It is suited for all interior/exterior vertical and overhead concrete repairs, including precast/prestressed, tilt-up, post-tensioned and cast-in-place concrete. Planitop X can be applied from featheredge to 4” (10 cm) per lift. Planitop X is engineered to provide high early strength with ease of application. Planitop X dries to a light gray color, matching most concrete surfaces.

Planitop® XS

One-Component, Fast-Setting, Extended-Working-Time, Vertical and Overhead Repair Mortar

Planitop XS is an extended-working-time variation of Planitop X. Shrinkage-compensated, fiber-reinforced, polymer-modified and containing a proprietary corrosion inhibitor, Planitop XS features Planitop X’s outstanding workability and versatility. Ideal for a wide variety of vertical and overhead concrete repairs, Planitop XS can be applied from featheredge to 4” (10 cm) per lift. Planitop XS dries to a light gray color, blending well with most concrete surfaces.
**Planitop® 11**

*Pre-Extended, Pumpable and Pourable Concrete Mix*

*Planitop 11* is a one-component, pre-extended, cementitious, pumpable and pourable concrete mix for full-depth concrete repairs in above-, below- and on-grade applications. Designed for large-volume repairs with application thicknesses of 1" to 8" (2.5 to 20 cm), *Planitop 11* is suitable for form-and-pour and form-and-pump applications. It is ideal for repairs on horizontal, vertical and overhead surfaces in applications such as tunnels, bridges, dams, parking garages, balcony edges and columns.

**Planitop® 11 SCC**

*Self-Consolidating Concrete Mix with Corrosion Inhibitor*

*Planitop 11 SCC* is a one-component, cementitious, self-consolidating, polymer-modified concrete mix with silica fume and a corrosion inhibitor for full-depth structural concrete repairs in above-, below- and on-grade applications. *Planitop 11 SCC* is pre-extended with coarse aggregate and specially designed for large-volume, horizontal structural repairs from 1" to 8" (2.5 to 20 cm) in thickness, and is suitable for form-and-pour and form-and-pump applications on vertical and overhead applications. *Planitop 11 SCC* is ideal for structural repairs in applications such as tunnels, bridges, dams, parking garages, balcony edges and columns.

**Planitop® 12 SR**

*Sulfate-Resistant, Vertical, Overhead and Horizontal Repair Mortar with Silica Fume*

*Planitop 12 SR* is a sulfate-resistant, one-component, shrinkage-compensated, cementitious repair mortar. *Planitop 12 SR* is fiber-reinforced and contains both silica fume and a corrosion inhibitor, and is intended for the repair of vertical, overhead and horizontal concrete surfaces. *Planitop 12 SR* is used in those areas with soils containing high alkalinity, near seawater or where sulfate groundwater is present, such as underground structures, retaining walls, foundations, slabs on grade, coal-fired power plants, sewage-treatment plants and fertilizer plants. *Planitop 12 SR* can be used between the temperatures of 45°F and 95°F (7°C and 35°C).
Concrete Repair Mortars

**Planitop® 15**

Form-and-Pour, One-Component Repair Mortar

Planitop 15 is a one-component, shrinkage-compensated, cementitious, fiber-reinforced, fluid mortar. Planitop 15 contains a corrosion inhibitor and silica fume, and is well-suited for form-and-pour and form-and-pump applications where high early strength and flowability are required.

**Planitop® 18**

One-Component, Fast-Setting, High-Early-Strength Repair Mortar

Planitop 18 is a one-component, shrinkage-compensated, fast-setting, cementitious repair mortar with a corrosion inhibitor. Planitop 18 gains strength rapidly and is particularly suited for all interior/exterior horizontal concrete repairs, including bridge decks, parking-garage floors, and various horizontal DOT (Department of Transportation) concrete repairs from 1/2" to 2" (12 mm to 5 cm) thickness applied neat and up to 8" (20 cm) extended. Planitop 18 features exceptional durability and very low chloride permeability rating.

**Planitop® 18 ES**

Rapid-Setting Repair Mortar with Extended Working Time

Planitop 18 ES is a one-component, high-early-strength, cementitious repair mortar, with a corrosion inhibitor, that has the rapid-setting characteristics of Planitop 18 but with an extended set and working time. It is suited for all interior/exterior horizontal concrete repairs both below- and above-grade, including bridge-deck repairs, parking-garage floor repairs and ramps. Planitop 18 ES provides a dense, impermeable pore structure and a high-strength, durable repair mortar.
Planitop® 21

Thin-Build, Two-Component Rendering Mortar

Planitop 21 is a pre-proportioned, two-component, polymer-modified cementitious mortar. It is used for renovating and resurfacing interior/exterior concrete structures such as galleries, tunnels, bridges, overpasses, retaining walls, beams, building facades and ceilings. Planitop 21 also is used for treating concrete surface blemishes and defects; filling honeycombs, voids and cavities; and protecting concrete against pollutants and acid rain.

Planitop 21 contains a high concentration of synthetic polymer, which produces a repair mortar having excellent adhesion, flexural strength, compressive strength, water impermeability and freeze/thaw resistance. Apply up to 1/4" (6 mm) thick.

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Packaging</th>
</tr>
</thead>
<tbody>
<tr>
<td>Canada</td>
<td></td>
</tr>
<tr>
<td>17545000</td>
<td>Part A, Bag: 46.8 lbs. (20.8 kg)</td>
</tr>
<tr>
<td>4024604</td>
<td>Part B, Jug: 1.05 U.S. gals. (3.97 L)</td>
</tr>
</tbody>
</table>

Planitop® 23

Vertical and Overhead Two-Component Repair Mortar

Planitop 23 is a two-component, fast-setting, polymer-modified, thixotropic, fiber-reinforced cementitious mortar, with a corrosion inhibitor. Planitop 23 is intended for vertical and overhead repairs, and contains silica fume to provide a durable, high-strength mortar in these applications.

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Packaging</th>
</tr>
</thead>
<tbody>
<tr>
<td>Canada</td>
<td></td>
</tr>
<tr>
<td>4023026</td>
<td>Part A, Bag: 57.3 lbs. (26 kg)</td>
</tr>
<tr>
<td>4024004</td>
<td>Part B, Jug: 1.05 U.S. gals. (3.97 L)</td>
</tr>
</tbody>
</table>

Planitop® 25

Two-Component, Flowable Repair Mortar for Resurfacing Damaged Horizontal Concrete

Planitop 25 is a two-component, shrinkage-compensated, cementitious, flowable resurfacing mortar with a corrosion inhibitor. Once mixed, the mortar is easily placed onto horizontal surfaces in thicknesses of 1/4" to 1" (6 mm to 2.5 cm) per coat. Planitop 25 contains a high concentration of synthetic polymer, which produces a dense, durable resurfacing mortar with outstanding adhesion, flexural and compression strengths. It also has very low permeability, offering high resistance to freeze/thaw cycles and chloride ion penetration. Planitop 25 is formulated for demanding commercial and industrial repairs involving heavy impact and high abrasion, such as loading docks, parking garages, warehouse floors, and areas subject to extreme traffic and dynamic loads.

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Packaging</th>
</tr>
</thead>
<tbody>
<tr>
<td>Canada</td>
<td></td>
</tr>
<tr>
<td>17603000</td>
<td>Part A, Bag: 57.1 lbs. (25.9 kg)</td>
</tr>
<tr>
<td>4024004</td>
<td>Part B, Jug: 1.05 U.S. gals. (3.97 L)</td>
</tr>
</tbody>
</table>
Construction Grouts

**Planigrout® 712**

*High-Performance, Nonshrink DOT Grout*

Planigrout 712 is a one-component, nonshrinking, nonmetallic, cement-based DOT (Department of Transportation) grout that meets CRD C621 and ASTM C1107 standards. Planigrout 712 contains a corrosion inhibitor and silica fume, as well as a special blend of fine aggregate and plasticizers that provide exceptional placing and performance characteristics.

**Planigrout® 740**

*Nonshrink, Precision Tremie Grout*

Planigrout 740 is a high-strength, nonshrinking, precision, cementitious tremie grout composed of select fine aggregates, special additives and silica fume. Planigrout 740 requires only the addition of water to produce a very flowable consistency, without separation, allowing the grouting in hard-to-reach spaces. Planigrout 740’s high-strength and high-performance characteristics also make it suitable for grouting of column and precision machine baseplate. Containing anti-washout agents and having a high resistance to chloride attack, Planigrout 740 is a superior product for underwater repairs and grouting areas subject to saltwater exposure.

**Planigrout® 755**

*Cement-Based, General-Purpose Construction Grout*

Planigrout 755 is a one-component, nonshrinking, cementitious construction grout consisting of select fine aggregates and special additives. Planigrout 755 requires only the addition of water to produce consistencies varying from dry pack to flowable. It produces excellent compressive and flexural strengths within a few days.

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Packaging</th>
</tr>
</thead>
<tbody>
<tr>
<td>Canada 15850000</td>
<td>Bag: 50 lbs. (22.7 kg)</td>
</tr>
<tr>
<td>Canada 4074025</td>
<td>Bag: 55 lbs. (24.9 kg)</td>
</tr>
<tr>
<td>Canada 15550000</td>
<td>Bag: 50 lbs. (22.7 kg)</td>
</tr>
</tbody>
</table>
Planigrout® 830 SP

High-Performance, Three-Part Epoxy Machine Base Grout

Planigrout 830 SP is a three-part, 100%-solids, high-performance, precision machine grout for the support of heavy equipment. Planigrout 830 SP utilizes an engineered blend of graded aggregate combined with epoxy resins that produces a grout with exceptional flow and void-filling capability. Planigrout 830 SP is chemically resistant and features an exceptionally homogenous distribution of aggregate. This makes it ideal for grouting base plates exposed to the dynamic loading and continuous vibration produced by heavy industrial equipment.

Concrete Renew™

High-Performance Concrete Resurfacers

Concrete Renew is a one-component, polymer-modified cementitious material for the resurfacing of existing concrete. It is suitable for broom finishes and decorative trowel finishes on sidewalks, driveways, steps and anywhere that has exposed concrete. Concrete Renew features a natural light gray color that provides a uniform, like-new look to concrete surfaces.

Concrete Renew™ Fine

High-Performance, Fine-Grade Concrete Resurfacers

Concrete Renew Fine is a one-component, polymer-modified cementitious material for the resurfacing of existing concrete. It allows a variety of finishing options, including broom finishes and decorative trowel finishes, on sidewalks, driveways, steps and anywhere that has exposed concrete. Concrete Renew Fine features a natural light gray color that provides a uniform finish to concrete surfaces.
**Planitop® Basecoat**

**Polymer-Modified, Cementitious Adhesive and Basecoat**

*Planitop Basecoat* is a high-performance, polymer-modified, Portland-cement-based, pre-blended mortar for non-structural applications. Use *Planitop Basecoat* before the application of a finish coat of acrylic or cement-based stucco or waterproof paint. *Planitop Basecoat* is suitable for applications on concrete or masonry substrates, and properly prepared wood and suitable Exterior Insulation and Finish Systems (EIFS). *Planitop Basecoat* may also be used as an adhesive and basecoat for EPS (expanded polystyrene) architectural shapes, and as a smoothing and leveling agent over stucco and approved substrates. *Planitop Basecoat* conforms to appropriate sections of ASTM C926, Standard Specification for Application of Portland Cement-Based Plaster.

**Mapelastic®**

**All-Climate, Flexible, Cementitious Membrane for Waterproofing and Protecting Concrete and Masonry**

*Mapelastic* is a cementitious membrane that waterproofs concrete and masonry. It also offers protection against chemical attack from de-icing salts, sulfates, chlorides and carbon dioxide that leads to deterioration and costly repairs. *Mapelastic* is designed for applications on new concrete structures with hairline cracks, as well as any cementitious surface subject to vibrations and subsequent cracking. Use *Mapelastic* on such hydraulic projects as irrigation canals and faces of dams, in addition to swimming pools, water features and storage tanks. Available in silver and white, *Mapelastic* may also be used to waterproof balconies, suspended walkways and patios.

**Mapelastic® Smart**

**Roller-Grade, Flexible Cementitious Membrane for Concrete Waterproofing and Protection**

*Mapelastic Smart* is a cementitious membrane for protecting new concrete structures, concrete structures repaired with *Mapecem® or Planitop®* mortars, renders with hairline cracks, and any cementitious surface subject to vibrations and the subsequent cracking. *Mapelastic Smart* also is designed as an intermediate waterproofing membrane on such hydraulic projects as channels and faces of dams as well as swimming pools, basins, storage tanks, balconies and terraces.

---

**Product Code**

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Packaging</th>
</tr>
</thead>
<tbody>
<tr>
<td>Canada 16050</td>
<td>Bag: 50 lbs. (22.7 kg)</td>
</tr>
</tbody>
</table>

**Product Code**

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Packaging</th>
</tr>
</thead>
<tbody>
<tr>
<td>Canada 39251000 (Silver)</td>
<td>Part A, Bag: 50 lbs. (22.7 kg)</td>
</tr>
<tr>
<td>Canada 39252000 (White)</td>
<td>Part A, Bag: 50 lbs. (22.7 kg)</td>
</tr>
<tr>
<td>Canada 39257000</td>
<td>Part B, Jug: 2 U.S. gals. (7.57 L)</td>
</tr>
</tbody>
</table>

**Product Code**

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Packaging</th>
</tr>
</thead>
<tbody>
<tr>
<td>Canada 39750000</td>
<td>Part A, Bag: 33.3 lbs. (15.1 kg)</td>
</tr>
<tr>
<td>Canada 39757000</td>
<td>Part B, Jug: 2 U.S. gals. (7.57 L)</td>
</tr>
</tbody>
</table>
**Planiseal® 88**  
Cement-Based Waterproofing Coating  
*Planiseal 88* is a one-component, polymer-modified, cementitious coating for waterproofing concrete and masonry surfaces.

**Planiseal® Plug**  
Ultra Quick-Setting Water Stop and Anchoring Mortar  
*Planiseal Plug* is a quick-setting mortar specially designed for stopping active leaks on horizontal and vertical concrete surfaces in interior or exterior applications.

**Idrostop™ 5**  
Hydrophilic, Expandable, Pre-Formed, Flexible Rubber Strip for Watertight Construction  
*Idrostop 5* is used to produce watertight construction joints in civil, industrial and hydraulic construction. Construction joints created with *Idrostop 5* are watertight up to 5 atm of pressure. Unlike materials made of alternate composition that lose efficiency in repeated wet/dry cycling, *Idrostop 5*'s unique composition allows it to maintain performance even in aggressive environments.

### Product Code and Packaging

#### Canada
- **Planiseal® 88**
  - Product Code: 0088025 (Gray), 8088125 (White)
  - Packaging: Bag: 55 lbs. (24.9 kg)
- **Planiseal® Plug**
  - Product Code: 0100005, 0100025
  - Packaging: Pail: 11 lbs. (4.99 kg), Bag: 55 lbs. (24.9 kg)
- **Idrostop™ 5**
  - Product Code: 176260
  - Packaging: Case: 6 Rolls - 390’ x 3/4” x 3/16” (120 m x 20 mm x 5 mm)
**Mapetex™ Sel**

**Nonwoven Fabric for Reinforcing Waterproofing Membranes**

Mapetex Sel is a macro-holed polypropylene fabric reinforcement used together with Mapelastic® and Mapelastic Smart flexible cementitious membranes for waterproofing and protecting new concrete surfaces or concrete units particularly subject to large deformations and, therefore, at risk of cracking. Mapetex Sel is also suitable for use on surfaces at risk of cracking following repair with products from the Mapecem® and Planitop® product groups. Mapetex Sel can increase crack-bridging capability up to 1/8” (3 mm).

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Packaging</th>
</tr>
</thead>
<tbody>
<tr>
<td>Canada 281625</td>
<td>Roll: 3.3’ x 82’ (1 m x 25 m)</td>
</tr>
</tbody>
</table>

**Mapeband™ TPE**

**Flexible Waterproof Tape for Moving Joints**

Mapeband TPE is a professional-grade, highly durable and flexible band for sealing and waterproofing expansion joints and cracks subject to movement up to 7/32” (5.5 mm). TPE, an acronym for “elastomeric thermoplastic polyolefine,” represents a group of polyolefines that combine the best properties of thermoplastic polymers and synthetic elastomer technology.

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Packaging</th>
</tr>
</thead>
<tbody>
<tr>
<td>Canada 795130</td>
<td>Roll: 6.7’ x 98’ (17 cm x 30 m)</td>
</tr>
</tbody>
</table>

**Resfoam™ HB 45**

**Flexible, Hydrophobic Polyurethane Grout**

Resfoam HB 45 is a low-viscosity, flexible, hydrophobic polyurethane grout used to stop water infiltration in concrete structures. Resfoam HB 45 is a solvent-free, MDI-based polymer system that reacts with water. Use Resfoam HB 45 together with Resfoam HBA 5 accelerator to adjust the reaction profile for a specific application. In a free-rise circumstance, Resfoam HB 45 will expand up to 750% of its liquid volume. Upon application, Resfoam HB 45 reacts to form a closed-cell polyurethane grout that will not shrink, and provides an elastomeric waterproof barrier sealing infiltration points against water intrusion. Resfoam HB 45 is nontoxic and has good chemical resistance. Resfoam HB 45 is also available in a dual-cartridge format (Resfoam HB 45C) with the accelerator already portioned in the Part B cartridge.

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Packaging</th>
</tr>
</thead>
<tbody>
<tr>
<td>Canada 02616</td>
<td>Dual cartridge: 22 U.S. oz. (624 g)</td>
</tr>
<tr>
<td>Canada 02668</td>
<td>Pail: 5 U.S. gals. (18.9 L)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Packaging</th>
</tr>
</thead>
<tbody>
<tr>
<td>Canada 02991</td>
<td>1 U.S. qt. (946 mL)</td>
</tr>
</tbody>
</table>
**Resfoam™ SS 75**

**Rigid, Hydrophobic Polyurethane Grout for Soil Stabilization**

*Resfoam SS 75* is a low-viscosity, hydrophobic polyurethane used for soil stabilization in a variety of water-bearing soils. The low viscosity of *Resfoam SS 75* provides for effective penetration of the earth, adding structure and stabilization by encapsulating the granules and subsequently forming a rock-like mass. By application, *Resfoam SS 75* cures rapidly to a rigid closed cell, effectively stopping water seepage and waterproofing the soil. *Resfoam SS 75* utilizes *Resfoam HBA 5* catalyst, which provides a variable reaction time.

**Product Code**

<table>
<thead>
<tr>
<th>Canada</th>
<th>Packaging</th>
</tr>
</thead>
<tbody>
<tr>
<td>03668</td>
<td>Cartridge: 22 U.S. oz. (624 g)</td>
</tr>
<tr>
<td></td>
<td>Pail: 5 U.S. gals. (18.9 L)</td>
</tr>
</tbody>
</table>

**Resfoam™ PF**

**100%-Organic Pump Flush Agent**

*Resfoam PF* is a 100%-organic blend of select, high-temperature oils. *Resfoam PF* provides an environmentally friendly and effective alternative to hazardous products as a flush and cleaning agent for removing polyurethane and other tough composites from grout-injection equipment and injection lines.

**Product Code**

<table>
<thead>
<tr>
<th>Canada</th>
<th>Packaging</th>
</tr>
</thead>
<tbody>
<tr>
<td>03368</td>
<td>Pail: 5 U.S. gals. (18.9 L)</td>
</tr>
</tbody>
</table>

**Resfoam™ HL 35**

**Flexible, Hydrophilic Polyurethane Foam and Gel Resin**

*Resfoam HL 35* is a single-component, water-activated hydrophilic polyurethane used for sealing cracks or joints in concrete structures that are subject to continuous moisture exposure. Depending on the water-to-resin ratio, *Resfoam HL 35* will vary in consistency from a resilient rubber-like foam to a flexible gel. *Resfoam HL 35* is capable of absorbing water up to 800% of its own mass and subsequently prevents water from penetrating into a structure. This unique feature allows *Resfoam HL 35* to be used for large water-inflow applications, such as manholes or below-grade structures with active water leaks. Once cured, *Resfoam HL 35* provides a watertight, elastomeric seal that stops the penetration of water through cracks or voids.

**Product Code**

<table>
<thead>
<tr>
<th>Canada</th>
<th>Packaging</th>
</tr>
</thead>
<tbody>
<tr>
<td>03674</td>
<td>Cartridge: 22 U.S. oz. (624 g)</td>
</tr>
<tr>
<td>03668</td>
<td>Pail: 5 U.S. gals. (18.9 L)</td>
</tr>
</tbody>
</table>

**Product Code**

<table>
<thead>
<tr>
<th>Canada</th>
<th>Packaging</th>
</tr>
</thead>
<tbody>
<tr>
<td>02068</td>
<td>5 U.S. gals. (18.9 L)</td>
</tr>
<tr>
<td>02991</td>
<td>HBA 5: 1 U.S. qt. (946 mL)</td>
</tr>
</tbody>
</table>
Planibond® EBA

High-Modulus Epoxy Bonding Agent

Planibond EBA is a two-component, multipurpose high-modulus epoxy bonding agent. Planibond EBA is nonshrink, 100%-solids and moisture-insensitive. Planibond EBA is used primarily as a bonding agent for screeds and repair mortars, with applications for anchoring and crack repair. Planibond EBA meets ASTM C881 requirements.

Planibond® AE

High-Strength, Nonsag Epoxy Anchoring Gel

Planibond AE is a high-strength, two-part, nonsag, epoxy anchoring gel designed for a wide variety of bonding and repair applications. With VOC compliance and low odor, Planibond AE meets ASTM C881 requirements Types I, II, IV and V; and Grade 3, Classes B and C; as well as USDA specifications for food-processing areas. Planibond AE is moisture-tolerant and may be extended with graded sands to use as an epoxy mortar. Planibond AE adheres to masonry, concrete, steel and wood.

Planibond® AE Fast

Rapid-Setting, High-Strength, Epoxy Anchoring Gel

Planibond AE Fast is a rapid-setting, high-strength, moisture-tolerant, two-component, 100%-solids, epoxy anchoring gel designed for a wide variety of vertical/horizontal bonding and repair applications. Planibond AE Fast meets ASTM C881 requirements Types I, II, IV and V; and Grade 3, Classes A, B and C; as well as USDA specifications for food-processing areas. Planibond AE Fast is ideal for anchoring bolts, dowels and reinforcing steel in concrete, as well as for sealing cracks and setting ports for injection grouting.
**Epojet™**

**High-Modulus, Low-Viscosity Epoxy Injection Resin for Crack Repair**

For professional use only

*Epojet* is a two-component, 100%-solids, low-viscosity epoxy resin for pressure injection and sealing of cracks in structural concrete, masonry and wood. High-strength and moisture-tolerant, *Epojet* meets ASTM C881 requirements Types I, II and IV, and Grade 1, Class C (except for gel time); AASHTO M235 specifications; and USDA specifications for food-processing areas. *Epojet* may be applied by pressure injection or gravity feed, and can also be combined with sand to become an epoxy mortar.

**Epojet™ LV**

**Ultra Low-Viscosity Epoxy Injection Resin for Crack Repair**

For professional use only

*Epojet LV* is a two-component, 100%-solids, ultra low-viscosity epoxy injection resin that deeply penetrates and seals hairline, non-dynamic cracks, both dry and damp. High-strength and moisture-tolerant, *Epojet LV* meets ASTM C881 requirements Types I and II, and Grade 1, Class C (except for gel time); AASHTO M235 specifications; and USDA specifications for food-processing areas. *Epojet LV* may be applied by pressure injection or gravity feed, and can also be combined with sand to become an epoxy mortar.

**Planicrete® AC**

**Acrylic Latex Admixture for Mortar and Concrete**

*Planicrete AC* is a one-component, concentrated, liquid latex admixture used to enhance the performance of cementitious repair mortars, plasters, stuccos, concrete mixes and toppings for the restoration of horizontal, vertical and overhead concrete; concrete masonry units (CMUs); and masonry surfaces.

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Packaging</th>
</tr>
</thead>
<tbody>
<tr>
<td>Canada</td>
<td></td>
</tr>
<tr>
<td>156154</td>
<td>Dual cartridge: 13.5 U.S. oz. (399 mL) Kit: 3 U.S. gals. (11.4 L)</td>
</tr>
<tr>
<td>156112</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Packaging</th>
</tr>
</thead>
<tbody>
<tr>
<td>Canada</td>
<td></td>
</tr>
<tr>
<td>157554</td>
<td>Dual cartridge: 13.5 U.S. oz. (399 mL) Kit: 3 U.S. gals. (11.4 L)</td>
</tr>
<tr>
<td>157512</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Packaging</th>
</tr>
</thead>
<tbody>
<tr>
<td>Canada</td>
<td></td>
</tr>
<tr>
<td>7013004</td>
<td>Jug: 1 U.S. gal. (3.79 L)</td>
</tr>
<tr>
<td>7013020</td>
<td>Pail: 5 U.S. gals. (18.9 L)</td>
</tr>
</tbody>
</table>
### Admixtures

#### Planicrete® UA
**Universal Latex Additive**

Planicrete UA is a next-generation, water-based, one-component, concentrated liquid latex admixture used to enhance the performance of several MAPEI products, including mortar mixes. Using Planicrete UA as part of the designated design mixes will increase product performance in the areas of bond, flexural and tensile strengths in addition to increased durability and enhanced workability.

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Packaging</th>
</tr>
</thead>
<tbody>
<tr>
<td>Canada</td>
<td></td>
</tr>
<tr>
<td>36253</td>
<td>Jug: 1 U.S. gal. (3.79 L)</td>
</tr>
<tr>
<td>36268</td>
<td>Pail: 5 U.S. gals. (18.9 L)</td>
</tr>
</tbody>
</table>

#### Mapecure™ SRA
**Shrinkage- and Crack-Reduction Curing Additive**

Mapecure SRA is a liquid admixture that reacts chemically to reduce hydraulic shrinkage and the formation of microcracks. Mapecure SRA is compatible with traditional MAPEI concrete restoration materials, such as cementitious grouts and most repair mortars.

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Packaging</th>
</tr>
</thead>
<tbody>
<tr>
<td>Canada</td>
<td>Pail: 5 U.S. gals. (18.9 L)</td>
</tr>
<tr>
<td>169720</td>
<td></td>
</tr>
</tbody>
</table>

#### Mapefer™ 1K
**Corrosion-Inhibiting Coating for Reinforcing Steel**

Mapefer 1K is a one-component anticorrosion coating based on unique polymers, cementitious binders and corrosion inhibitors. Mapefer 1K is specially formulated for application on clean reinforcing steel to inhibit oxidation and rust formation.

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Packaging</th>
</tr>
</thead>
<tbody>
<tr>
<td>Canada</td>
<td></td>
</tr>
<tr>
<td>276645</td>
<td>10 lbs. (4.54 kg)</td>
</tr>
</tbody>
</table>

---

**Note:**
- **MAPEI** is a leading manufacturer of building solutions, offering a wide range of products for various applications in the construction industry. This document provides information on some of their admixture and protection products, which are designed to enhance the performance and durability of concrete and other building materials.
- **Product Codes and Packaging Information:**
  - **Canada:** Product codes and packaging details are provided for each product, with options for pails and jugs, indicating the volume capacity in liters and kilograms respectively.
### Planibond® 3C

**Three-Component, Cementitious Corrosion Inhibitor and Bonding Agent**

*Planibond 3C* is a three-component, cementitious, moisture-tolerant, epoxy-modified corrosion inhibitor and bonding agent. Water-based and solvent-free, it can be applied using a brush, a short-nap roller, a push broom or hopper spray equipment. Use *Planibond 3C* on all exposed reinforcing steel and as a bonding agent before the placement of repair products.

**Product Code**
- Canada: 3634000
- 36344000
- 1964007B

**Packaging**
- Large kit (Parts A and B): 10.8 lbs. (4.90 kg)
- Part C: 44 lbs. (20.0 kg)
- Small kit: 1.74 U.S. gals. (6.59 L)

### Mapeshield™ I

**Pure Zinc Galvanic Anode for Preventing Corrosion of Reinforcing Steel**

*Mapeshield I* is a pure zinc anode for cathodic protection of reinforcing steel against corrosion in new, reinforced structures as well as structures requiring repair. Composed with a zinc core, *Mapeshield I* has its surface area covered by a special conductive paste; once connected to steel reinforcement rods, the paste stops corrosion, impedes its formation and keeps the system active for many years.

**Product Code**
- Canada: 2099024
- 2099124
- 2099212
- 2099312

**Packaging**
- *Mapeshield I 10/10*, 24 per carton
- *Mapeshield I 10/20*, 24 per carton
- *Mapeshield I 30/10*, 12 per carton
- *Mapeshield I 30/20*, 12 per carton

### Mapeshield™ CI 100

**Surface-Applied Corrosion Inhibitor**

*Mapeshield CI 100* is a surface-applied corrosion inhibitor designed to penetrate concrete structures and protect embedded steel reinforcement. It forms a protective layer on the surface of the steel reinforcing bar to inhibit corrosion caused by carbonation, the presence of chlorides and other contaminants in the concrete (such as deposits from acid rain and industrial pollution), and helps to prevent additional cracking and spalling in the future. *Mapeshield CI 100* can be applied by spray, brush or roller. By diffusing into the hardened pore structure of concrete to the steel reinforcing bars, *Mapeshield CI 100* delays the corrosion process and reduces overall corrosion activity.

**Product Code**
- Canada: 2098119
- 2098178

**Packaging**
- 5 U.S. gals. (18.9 L)
- 55 U.S. gals. (208 L)
Elastocolor® Primer WB

Water-Based, 100%-Acrylic Primer for Elastocolor Coatings

Elastocolor Primer WB is a water-based, 100%-acrylic primer for use with Elastocolor coatings. Elastocolor Primer WB improves adhesion on porous, dusting and new substrates.

---

Elastocolor® Flex

Water-Based, 100%-Acrylic, Elastomeric Waterproof Coating

Elastocolor Flex is an elastomeric, high-build, water-based, 100%-acrylic coating to protect and decorate above-grade, vertical exterior concrete, masonry, stucco and EIFS systems. Elastocolor Flex is available in two textures (smooth and fine), in a wide range of standard colors and in an unlimited number of custom colors to increase its design versatility.

---

Elastocolor® Coat

Water-Based, High-Build, 100%-Acrylic, Waterproof Coating

Elastocolor Coat is a water-based, high-build, 100%-acrylic coating designed to protect and decorate above-grade, exterior/interior vertical concrete, masonry, stucco, fiber-reinforced polymer (FRP) composites and EIFS systems. Elastocolor Coat is available in two textures (smooth and fine), in a wide range of standard colors and in an unlimited number of custom colors to increase its design versatility.
Elastocolor® Paint

Water-Based, 100%-Acrylic, High-Quality Paint

Elastocolor Paint is a high-quality, elastomeric, water-based, 100%-acrylic paint that forms a protective film for use on above-grade, exterior/interior concrete, masonry, stucco, fiber-reinforced polymer (FRP) composites and EIFS systems. Elastocolor Paint is available in a wide range of standard colors and in an unlimited number of custom colors to increase its design versatility.

Primer SN™

Two-Component, Fillerized Epoxy Primer

Primer SN is a two-component, fillerized epoxy primer specifically designed to enhance adhesion of multi-layer flooring systems, such as MAPEI’s Mapefloor™ polyurethane and epoxy deck and flooring systems, and as a primer for cement screeds and epoxy mortars. It is typically applied on concrete surfaces, such as floor slabs in institutional buildings, storage and logistical areas, parking garages, balconies and walkways. Low in VOCs and viscosity, Primer SN penetrates well for an excellent chemical bond both with the substrate and with coatings that are subsequently applied to the primer coating.

Mapefloor™ PU 400

Two-Component, Polyurethane Basecoat for Mapefloor Parking Deck System

For professional use only

Mapefloor PU 400 is a two-component, polyurethane basecoat specifically designed for use as a waterproofing membrane for surfaces subject to pedestrian and vehicular traffic, such as multi-story parking garages, balconies and walkways. With its high flexibility and crack-bridging properties, Mapefloor PU 400 is well-suited as an intermediate layer on concrete substrates subject to vibration, particularly those surfaces that support moving vehicles. Mapefloor PU 400 provides a seamless, monolithic membrane that bonds firmly to clean, dry and properly prepared concrete.
Coatings and Sealers

**Mapefinish Wet Look**

Premium, High-Gloss, Water-Based Acrylic Sealer

*Mapefinish Wet Look* is a one-part, water-based, transparent, high-gloss sealer designed for protecting concrete surfaces – from highly textured stamped concrete to smooth self-leveling toppings. *Mapefinish Wet Look* utilizes a self-cross-linking acrylic resin that offers superior abrasion, blush resistance and slip resistance, outperforming most solvent-based acrylics and many urethane dispersions. *Mapefinish Wet Look* is low in VOCs, low-odor, non-yellowing and permeable to water vapor, making it perfect for application on both interior and exterior concrete surfaces. With its superior performance combined with user-friendly application, *Mapefinish Wet Look* is an ideal sealer for concrete and masonry.

**Mapefloor Finish 450**

Two-Component, Aliphatic Polyurethane Topcoat for *Mapefloor* Parking Deck System

For professional use only

*Mapefloor Finish 450* is a two-component, solvent-free, aliphatic polyurethane topcoat specifically designed to provide a protective wear coat for heavy pedestrian and vehicular traffic. With its excellent wear-resistant properties, it provides optimum performance for long-lasting service on such surfaces as multi-story parking garages and balconies. *Mapefloor Finish 450*, in combination with the proper *Mapefloor* parking deck system, protects concrete substrates from water and salt intrusion while, at the same time, providing a seamless, attractive, slip-resistant wearing surface.

**Mapefloor Finish 415 NA**

Two-Component, Polyurethane Topcoat for *Mapefloor* Parking Deck

For professional use only

*Mapefloor Finish 415 NA* is a two-component, solvent-free, aromatic polyurethane topcoat specifically designed to provide a protective wear coat for heavy pedestrian and vehicular traffic. With its excellent wear-resistant properties, it provides optimum performance for long-lasting service on such surfaces as multi-story parking garages and balconies. *Mapefloor Finish 415 NA*, in combination with the proper *Mapefloor* parking deck system, protects concrete substrates from water and salt intrusion while, at the same time, providing a seamless, attractive, slip-resistant wearing surface.

---

**Mapefloor™ Finish 450**

Product Code: 47864 (Part A), 47853 (Part B)


**Mapefloor™ Finish 415 NA**

Product Code: 47264 (Part A), 47253 (Part B)


**Mapefinish™ Wet Look**

Product Code: 51668000

Packaging: Pail: 5 U.S. gals. (18.9 L)
**Planiseal® HG**

Clear, High-Gloss, 100%-Solids Epoxy Sealer

*Planiseal HG* is a solvent-free, moisture-tolerant, 100%-solids, clear, high-gloss, two-component epoxy sealer suitable for sealing concrete as well as concrete areas treated with skid-resistant *Planiseal Traffic Coat*.

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Packaging</th>
</tr>
</thead>
<tbody>
<tr>
<td>U.S./Canada</td>
<td>46661 Kit: 3 U.S. gals (11.4 L)</td>
</tr>
</tbody>
</table>

**Planiseal® Traffic Coat**

Epoxy Overlay for Vehicular and Pedestrian Traffic

*Planiseal Traffic Coat* is a moisture-resistant, 100%-solids, low-modulus, two-part epoxy bonding agent and binder engineered for providing a water- and skid-resistant overlay on such surfaces as bridges, elevated slabs, parking garages and balconies. When properly placed, *Planiseal Traffic Coat* arrests carbonation and prevents the penetration of chloride ions into concrete decks, while providing a skid-resistant, durable and attractive finish.

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Packaging</th>
</tr>
</thead>
<tbody>
<tr>
<td>Canada</td>
<td>46556 Kit: 2 U.S. gals (7.57 L)</td>
</tr>
<tr>
<td></td>
<td>46570 Part A: 5 U.S. gals (18.9 L)</td>
</tr>
<tr>
<td></td>
<td>46571 Part B: 5 U.S. gals (18.9 L)</td>
</tr>
</tbody>
</table>

**Planiseal® LVB**

Low-Viscosity Epoxy for Sealing Concrete Bridge Decks

*Planiseal LVB* is a two-component, very low-viscosity epoxy sealer designed to deeply penetrate into new or worn sound concrete. *Planiseal LVB* seals hairline cracks and penetrates the concrete pore structure to form a subsurface barrier that effectively arrests carbonation as well as stops the penetration of chloride ions into concrete decks. *Planiseal LVB* significantly improves the durability and service life of concrete decks.

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Packaging</th>
</tr>
</thead>
<tbody>
<tr>
<td>Canada</td>
<td>46768 Part A.</td>
</tr>
<tr>
<td></td>
<td>46769 Pail: 5 U.S. gals (18.9 L)</td>
</tr>
<tr>
<td></td>
<td>46777 Part A.</td>
</tr>
<tr>
<td></td>
<td>46778 Drum: 55 U.S. gals (208 L)</td>
</tr>
</tbody>
</table>
Planiseal® WR

Penetrating, Water-Based Silane/Siloxane Water Repellent

Planiseal WR is a new-technology, silane/siloxane-blend, water-repellent, transparent sealer offering superior performance and VOC compliance. Planiseal WR offers fast-beading water repellency for porous concrete, brick, stone and grout. Planiseal WR is water-based, is easy to apply, and provides a breathable, dirt- and stain-resistant water repellency for the protection of concrete surfaces.

Planiseal® WR 40

Clear, Water-Based, 40%-Silane Penetrating Water Repellent

Planiseal WR 40 is a clear, water-based, 40%-silane penetrating water repellent and sealer designed to protect concrete and masonry against moisture/chloride intrusion, the effects of freezing/thawing, and such airborne contaminants as acid rain and industrial fumes. Planiseal WR 40 is breathable, allowing interior moisture to escape without affecting the product’s performance. Plus, the product is transparent and non-staining, and will not alter the surface appearance. Planiseal WR 40 is VOC-compliant and provides a non-film-forming, water-repellent surface that is ideal for traffic-bearing surfaces.

Planiseal® WR 100

Clear, 100%-Silane Penetrating Water Repellent

Planiseal WR 100 is a clear, high-performance, 100%-silane penetrating water repellent and sealer designed to provide outstanding water repellence on concrete and masonry. It penetrates deeply, protecting new and existing substrates against moisture/chloride intrusion, the effects of freezing/thawing, and such airborne contaminants as acid rain and industrial fumes. Planiseal WR 100 is breathable, allowing interior moisture to escape without affecting its performance. Plus, the product is transparent and non-staining, and will not alter the surface appearance. Planiseal WR 100 provides long-lasting protection to horizontal and vertical surfaces.
Mapecrete™ Protector FF

High-Gloss, Film-Forming Protective Coating for Concrete

Mapecrete Protector FF is a film-forming, high-gloss protective coating designed to increase the stain resistance of interior concrete floors. Mapecrete Protector FF is ideal for polished or decorative concrete and cement terrazzo floors, and helps to protect against accidental spills of water and other staining materials (such as food products and household cleaners). Mapecrete Protector FF also increases the reflectivity (or gloss) of polished concrete floors.

Product Code: 1797619
Packaging: Pail: 5 U.S. gals. (18.9 L)

Mapeflex™ P1

One-Component, Nonsag Elastomeric Polyurethane Sealant

Mapeflex P1 is a high-performance, one-component, elastomeric, moisture-cured, polyurethane sealant and adhesive. Mapeflex P1 offers excellent adhesion to most surfaces, superior gunning and tooling, as well as excellent flexibility for moving joints. Mapeflex P1 meets the requirements of ASTM C920, Type S, Grade NS, Class 25, Uses NT, T, M, G, A and O; TT-S-00230C, Type II, Class A; AAMA 808.3-92; and CAN/CGSB-19.13-M87.

Product Code: 44918
Packaging: Cartridge: 29 U.S. oz. (857 mL)

Mapeflex™ P1 SL

One-Component, Self-Leveling Elastomeric Polyurethane Sealant

Mapeflex P1 SL is a high-performance, one-component, moisture-cured, self-leveling elastomeric polyurethane sealant. Mapeflex P1 SL offers superior adhesion to most surfaces, durability and excellent flexibility for moving joints. Mapeflex P1 SL meets the requirements of ASTM C920, Type S, Grade P, Class 25, Uses T, M, G, A and O; TT-S-00230C, Type I, Class A; and CAN/CGSB-19.13-M87.

Product Code: 44919
Packaging: Cartridge: 29 U.S. oz. (857 mL) (6 per case)
Planibond® JF

Semi-Rigid Epoxy Joint Filler

Planibond JF is a two-part, 100%-solids, moisture-tolerant, semi-rigid epoxy joint filler. Planibond JF meets ASTM C881 and ACI 302 requirements as well as USDA specifications for food-processing areas. The self-leveling Planibond JF is ideal for filling and sealing horizontal non-moving saw-cut control joints and random cracks.

Planiseal® RapidJoint 15

Self-Leveling Polyurea Floor Joint Filler

Planiseal RapidJoint 15 is a 100%-solids, two-component, rapid-curing, polyurea elastomer joint and crack filler. Planiseal RapidJoint 15 is designed for supporting non-moving joint nosings exposed to forklift and steel-wheeled traffic. Planiseal RapidJoint 15 features broad temperature capabilities, can address joint movement of 10% to 15%, and cures quickly so that repaired joints can be re-opened to traffic almost immediately after application. Designed with enhanced application characteristics, excess Planiseal RapidJoint 15 can be shaved easily, and will typically not leave a stain on surfaces adjacent to joints.

Planiseal® MB

Moisture Barrier and Consolidating Epoxy Primer

Planiseal MB is a 100%-solids epoxy coating that is designed to effectively stop moisture-related problems with toppings, as well as act as a surface-consolidating epoxy primer. When the designated film thickness is applied, Planiseal MB will reduce moisture vapor emission rates (MVERs) of up to 25 lbs. per 1,000 sq. ft. (11.3 kg per 92,9 m²) per 24 hours to below the limit of 3 lbs. per 1,000 sq. ft. (1.36 kg per 92,9 m²).

When Planiseal MB is applied in a single-coat application system, its low-viscosity high-density resins penetrate deep into the substrate to effectively consolidate the substrate and reduce the MVER. Planiseal MB also may be used to consolidate friable substrates before application of toppings and other floor finishes, in addition to self-leveling underlayments.
**Ultratop**

High-Performance, Quick-Setting, Self-Leveling Concrete Topping

*Ultratop* is a self-leveling, self-drying topping, based on High-Hydrated Cement Technology (HCT™), that is specially formulated for fast-track resurfacing and construction of interior horizontal wear surfaces.

---

**Ultratop® PC**

High-Performance, Polishable Concrete Topping

*Ultratop PC* is a high-flow, quick-setting, self-leveling, cementitious topping optimized for polishing. Suitable for both interior and exterior use, *Ultratop PC* is designed to be applied at 3/8” to 2” (10 mm to 5 cm) thick and cures quickly for fast-track resurfacing and polishing of concrete floors. *Ultratop PC* is suitable for applications that include high-end residential units, retail stores, warehouses, schools, kitchens, airport hangars and loading docks. *Ultratop PC* is engineered to provide a thin resurfacing material that is extremely dense, hard and durable so that it is capable of holding a brilliant polish.

---

**Mapecure™ DR**

Water-Based, Dissipating-Resin Curing Compound

*Mapecure DR* is a water-based, liquid, membrane-forming curing compound for freshly placed concrete. Formulated from specially selected dissipating hydrocarbon resins, it is designed to retain water in the concrete for proper hydration, and then to begin breaking down and deteriorating when exposed to traffic, sunlight and weathering. *Mapecure DR* provides an excellent initial cure for concrete, allowing the concrete to achieve its ultimate strength while reducing surface shrinkage cracking.
Densifiers

Mapecrete™ Film
Evaporation Retardant and Finishing Aid
Mapecrete Film is designed to retard moisture evaporation on concrete surfaces and aid in finishing concrete flatwork. Mapecrete Film forms a thin film to prevent rapid moisture loss on newly placed concrete surfaces and is particularly effective when concrete is placed in areas with direct sun, low humidity, high winds or high temperatures. Diluted with water, Mapecrete Film is sprayed on fresh concrete to aid in preventing “plastic shrinkage” and potential cracking.

Mapecrete™ Hard FS
Liquid, Magnesium Fluorosilicate Densifier and Dustproofer for Concrete
Mapecrete Hard FS is a water-based, magnesium fluorosilicate solution for horizontal interior concrete surfaces that chemically bonds with the free lime in concrete to produce a denser, more durable and chemically resistant floor surface. It is particularly effective on floors that are porous, readily absorptive and only moderately hard. A special component in Mapecrete Hard FS aids in penetration and chemical reaction, allowing Mapecrete Hard FS to densify and dustproof at greater depths.

Mapecrete™ Hard LI
Lithium Silicate Densifier and Sealer for Concrete
Mapecrete Hard LI is a water-based, VOC-free, lithium silicate solution used to densify, seal and dustproof horizontal interior/exterior concrete surfaces. It penetrates the concrete surface, chemically reacts with the free lime and produces a dense, hard matrix within the concrete and a more durable surface on top. Mapecrete Hard LI is especially effective on old, worn and dusting floors, as well as for improving the wearing characteristics and abrasion resistance of new concrete. Floors treated with Mapecrete Hard LI typically last longer, are easier to maintain, and will not peel or flake off.

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Packaging</th>
</tr>
</thead>
<tbody>
<tr>
<td>Canada</td>
<td></td>
</tr>
<tr>
<td>1797504</td>
<td>1 U.S. gal. (3.79 L)</td>
</tr>
<tr>
<td>1797519</td>
<td>5 U.S. gals. (18.9 L)</td>
</tr>
<tr>
<td>1797578</td>
<td>55 U.S. gals. (208 L)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Packaging</th>
</tr>
</thead>
<tbody>
<tr>
<td>Canada</td>
<td></td>
</tr>
<tr>
<td>46666</td>
<td>5 U.S. gals. (18.9 L)</td>
</tr>
<tr>
<td>46777</td>
<td>55 U.S. gals. (208 L)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Packaging</th>
</tr>
</thead>
<tbody>
<tr>
<td>Canada</td>
<td></td>
</tr>
<tr>
<td>48666</td>
<td>5 U.S. gals. (18.9 L)</td>
</tr>
<tr>
<td>48777</td>
<td>55 U.S. gals. (208 L)</td>
</tr>
</tbody>
</table>
Mapecrete™ Hard SB

Silicate-Blend, Liquid Densifier, Sealer and Dustproofer for Concrete

Mapecrete Hard SB is a special blend of silicate and silicate polymers specifically designed to penetrate new and existing interior concrete in order to density, seal, dustproof and harden the surface. It is formulated to chemically react and create an internal bond that increases surface density, durability and abrasion resistance. Mapecrete Hard SB is a colorless, environmentally friendly chemical solution that increases the wearing strength of concrete floors subjected to pedestrian and vehicular traffic. Floors treated with Mapecrete Hard SB last longer, are easier to maintain, and keep an attractive sheen on concrete that will not peel or fade away.

Mapecrete™ Hard SI

Sodium Silicate Densifier for Concrete

Mapecrete Hard SI is a clear, water-based sodium silicate densifier used to harden and dustproof concrete surfaces. It chemically reacts with the free lime and calcium carbonate in concrete, forming a dense, insoluble and chemically resistant surface. Mapecrete Hard SI is a VOC-free, colorless and odorless chemical solution that may be applied to horizontal interior, fresh or hardened concrete. Floors treated with Mapecrete Hard SI resist the penetration of water, oil and chemicals.

Novoplan® 2 Plus

Professional Self-Leveling Underlayment

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

Easy-Preparation, Self-Leveling Underlayment

Novoplan Easy Plus is an improved, 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.

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Packaging</th>
</tr>
</thead>
<tbody>
<tr>
<td>Canada</td>
<td>2731923</td>
</tr>
<tr>
<td></td>
<td>Bag: 50 lbs. (22.7 kg)</td>
</tr>
</tbody>
</table>

Ultraplan® 1 Plus

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

Ultraplan 1 Plus is an HCT™ (High-Hydrated Cement Technology)-based, 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.

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Packaging</th>
</tr>
</thead>
<tbody>
<tr>
<td>Canada</td>
<td>17350000</td>
</tr>
<tr>
<td></td>
<td>Bag: 50 lbs. (22.7 kg)</td>
</tr>
</tbody>
</table>

Ultraplan® Easy

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

Ultraplan Easy is an HCT™ (High-Hydrated Cement Technology)-based, quick-setting, self-leveling underlayment that typically requires only a clean, soundly bonded substrate before application. Typically requiring reduced surface preparation, Ultraplan Easy provides lower installation costs and fast turnaround on jobsites. It features high strength and is able to withstand light foot traffic after 2 to 3 hours of installation.

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Packaging</th>
</tr>
</thead>
<tbody>
<tr>
<td>Canada</td>
<td>24350000</td>
</tr>
<tr>
<td></td>
<td>Bag: 50 lbs. (22.7 kg)</td>
</tr>
</tbody>
</table>
**Mapelath™**

**Synthetic Lath**

Mapelath is a lightweight, noncorroding, alkali-resistant synthetic lath used as a substitute for traditional metal lath. It is lighter and easier to work with.

**Ultraplan® M20 Plus**

**Quick-Setting, High-Compressive-Strength Underlayment**

Ultraplan M20 Plus is an HCT™ (High-Hydrated Cement Technology) calcium-aluminate-based, quick-setting, self-leveling, self-drying material. It is specially formulated for the resurfacing and construction of interior horizontal surfaces as a high-compressive-strength underlayment with maximum resistance to wheel tracking and indentations experienced in softer underlayments. Ultraplan M20 Plus is suitable for use as a commercial wear topping in warehouse and alternate industrial applications where an exceptional flat and smooth concrete surface is desired.

**Primer CE™**

**Ultra Low-Viscosity, Consolidating Epoxy Primer**

Primer CE is an ultra low-viscosity, two-component, 100%-solids, surface-consolidating epoxy primer. Primer CE effectively penetrates and consolidates the surface of weak concrete or gypsum substrates. Applied in a single-coat application, Primer CE is designed to restore structural integrity to friable substrates such as weak gypsum-based underlayments or lightweight concretes before the application of underlayments, toppings or floor finishes. Once installed, Primer CE is compatible with a wide number of primers and adhesives typically used with flooring installations, such as with tile, vinyl composition tile (VCT), carpet, sheet vinyl, wood and other floor-finishing products.
Primer E™

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.

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Packaging</th>
</tr>
</thead>
<tbody>
<tr>
<td>Canada 36564</td>
<td>Part A, Pail: 2.06 U.S. gals. (7.80 L)</td>
</tr>
<tr>
<td>Canada 36553</td>
<td>Part B, Jug: 0.94 U.S. gal. (3.56 L)</td>
</tr>
</tbody>
</table>

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 gypsum-based underlayments and patches.

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Packaging</th>
</tr>
</thead>
<tbody>
<tr>
<td>Canada 36068000</td>
<td>Pail: 5 U.S. gals. (18.9 L)</td>
</tr>
<tr>
<td>Canada 36053000</td>
<td>Jug: 1 U.S. gal. (3.79 L)</td>
</tr>
</tbody>
</table>

Primer T™

All-Purpose Primer for Self-Leveling Underlayments

Primer T is a low-VOC, water-based acrylic primer that enhances the performance and adhesion of self-leveling underlayments (SLUs) on nonabsorbent surfaces such as ceramic tile, vinyl composition tile (VCT), epoxy moisture barriers and adhesive residue, as well as profiled, absorbent surfaces. Suitable for a wide variety of substrates, Primer T combines excellent versatility with an easy, low-odor application.

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Packaging</th>
</tr>
</thead>
<tbody>
<tr>
<td>Canada 36553</td>
<td>Jug: 2 U.S. gals. (7.57 L)</td>
</tr>
<tr>
<td>Canada 36691</td>
<td>Jug: 1 U.S. qt. (946 mL)</td>
</tr>
</tbody>
</table>
Primer WE™

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.

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Packaging</th>
</tr>
</thead>
<tbody>
<tr>
<td>Canada</td>
<td></td>
</tr>
<tr>
<td>45457000</td>
<td>Kit: 2 U.S. gals. (7.57 L)</td>
</tr>
<tr>
<td>45468000</td>
<td>Part A, Pail: 5 U.S. gals. (18.9 L)</td>
</tr>
<tr>
<td>45568000</td>
<td>Part B, Pail: 5 U.S. gals. (18.9 L)</td>
</tr>
</tbody>
</table>

For registration information on Canadian seminars, please contact Raffaelina Aceto at (450) 662-1212.

For registration information on U.S. seminars, please contact Sophia D’Amico-Campbell at (954) 246-8555.

The MAPEI Technical Institute (MTI) provides the highest-quality, basic product knowledge with demonstrations and hands-on training to architects, contractors, installers and distributors in 9 locations: Deerfield Beach (FL), San Bernardino (CA), Garland (TX), Dalton (GA), West Chicago (IL) and Swedesboro (NJ), all in the USA; and Laval (Quebec), Brampton (Ontario) and Delta (British Columbia), all in Canada.
Take MAPEI with you.

*Download our free mobile app.*

Whether you’re using a smartphone or a tablet, you can quickly access the MAPEI information you need via the MAPEI app. Explore product listings, technical data sheets and more – and easily email the data to yourself or a colleague. The app also gives locations where MAPEI products are sold, MAPEI’s grout color palettes, and easy links for MAPEI’s technical support and customer care.

Get the app today at your online Android or Apple app store (search for “MAPEI”).
THE WORLD OF

MAPEI®

TILE & STONE INSTALLATION SYSTEMS

FLOOR COVERING INSTALLATION SYSTEMS

PRODUCTS FOR WOOD FLOORING

CONCRETE RESTORATION SYSTEMS

PRODUCTS FOR STRUCTURAL STRENGTHENING

PRODUCTS FOR UNDERGROUND CONSTRUCTION

ADMIXTURES FOR CONCRETE

BELOW-GRADE WATERPROOFING SYSTEMS

GRINDING AIDS FOR CEMENT

Headquarters of the Americas
1144 East Newport Center Drive
Deerfield Beach, FL 33442

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

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

Services in Mexico
0-1-800-MX-MAPEI
(0-1-800-696-2734)

NORTH AMERICA
United States
Arizona
California
Georgia
Illinois
Minnesota
Missouri
New Jersey
Texas
Virginia

Canada
British Columbia
Ontario
Quebec

Mexico

SOUTH AMERICA/CARIBBEAN/CENTRAL AMERICA
Argentina
Panama
Puerto Rico
Venezuela

EUROPE
Austria
Belgium
Benelux
Bulgaria
Croatia
Czech Republic
Denmark
Finland
France
Germany
Greece
Hungary
Italy
Luxembourg
Netherlands
Norway
Poland
Portugal
Romania
Russia
Slovakia
Slovenia
Spain
Sweden
Switzerland
Turkey
Ukraine
United Kingdom

ASIA/OCEANIA
United Arab Emirates
Australia
China
Hong Kong
India
Malaysia
New Zealand
Singapore
South Korea
Vietnam

AFRICA
Egypt
South Africa