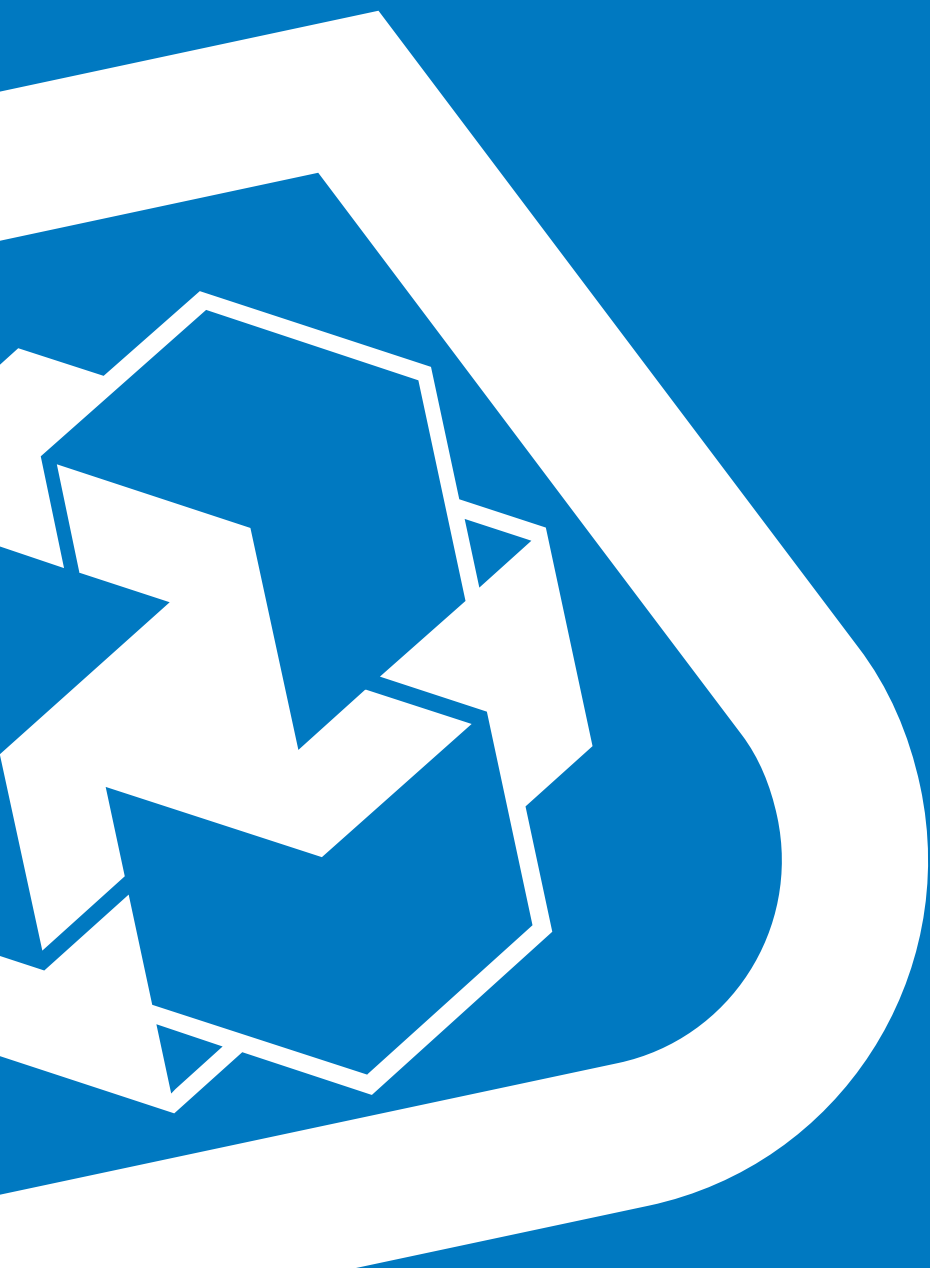




CONCRETE FLOORING SOLUTIONS



SYSTEM SOLUTIONS FOR THE CONSTRUCTION INDUSTRY

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Tile & Stone Installation Systems

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UltraCare Stone, Tile, Grout Care and Maintenance Solutions

3

Profiles for Floors and Coverings

4

Profiles and Shower Systems

5

Skirting Boards

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Raised Floors

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Floor Covering Installation Systems

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Products for Sports Surfaces

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Products for Wood Flooring

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A WORLDWIDE LEADER

Originally established in 1937, today MAPEI is a privately owned global corporation headquartered in Milan, Italy, with 96 subsidiaries in 57 countries and 93 plants in 36 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 1,530 team members – ranging from Manufacturing and R&D to Technical Services and Sales. MAPEI Caribe, based in Puerto Rico, has more than 65 employees. The Canadian subsidiary MAPEI Inc. supports those efforts with about 410 additional employees.



AIR-ENTRAINING AGENTS

Mapeair SA

Air-Entraining Admixture

Mapeair SA (formerly Polychem SA) is a specifically developed, multi-component air-entraining admixture that has been stabilized to produce an air-void system consistent with industry requirements and standards. When added separately, *Mapeair SA* will produce an air-void system that is equivalent to or exceeds that of pure Vinsol-resin-based admixtures at substantially reduced dosage rates. *Mapeair SA* is a synthetic-based alpha olefin that will produce a small, more well-defined and spaced bubble structure, which is stabilized to be more efficient when used in producing concrete mixtures containing low-alkali cement or supplementary cementitious materials. *Mapeair SA* conforms to the requirements of ASTM C260 and AASHTO M154.

Mapeair SA-20

Diluted Air-Entraining Admixture

Mapeair SA-20 is a specifically developed, multi-component air-entraining admixture that has been stabilized to produce an air-void system consistent with industry requirements and standards. *Mapeair SA-20* is a reduced-solids version of *Mapeair SA-50*. When added separately, *Mapeair SA-20* is a synthetic-based alpha olefin that will produce a small, more well-defined and spaced bubble structure, which is stabilized to be more efficient when used in producing concrete mixtures containing low-alkali cement or supplementary cementitious materials and higher-solids high-range water reducers. *Mapeair SA-20* has been formulated specifically for ready-mix and precast concrete applications where the need for accurate dispensing with a small load size may be an issue.

Mapeair SA-50

Air-Entraining Admixture

Mapeair SA-50 (formerly Polychem SA-50) is a specifically developed, multi-component air-entraining admixture that has been stabilized to produce an air-void system consistent with industry requirements and standards. *Mapeair SA-50* is a reduced-solids version of *Mapeair SA*. *Mapeair SA-50* meets or exceeds ASTM C260 and AASHTO M154.

SUPERPLASTICIZERS

Dynamon[®] SX

High-Range, Water-Reducing Admixture

Dynamon SX is a high-performance admixture for concrete based on polycarboxylate technology, belonging to the MAPEI *Dynamon* system. *Dynamon SX* meets the requirements of ASTM C494 Types A and F and AASHTO M194 Types A and F. *Dynamon SX* has been designed for use in both ready-mix and precast/prestressed applications and where greater water reduction is needed, along with high mechanical strength at all ages. Its performance makes it particularly suitable for manufacturing self-consolidating concrete (SCC). *Dynamon SX* ensures high workability and cohesiveness in all concrete mixes.

Dynamon[®] SX 37

High-Range, Water-Reducing Admixture

Dynamon SX 37 is a high-performance admixture for concrete that is based on polycarboxylate technology and belongs to MAPEI's *Dynamon* system. *Dynamon SX 37* meets the requirements of ASTM C494 Types A and F and AASHTO M194 Types A and F.

RETARDERS

Mapetard Plus [NA]

Set-Retarding Admixture

Mapetard Plus is a high-performance set-retarding and water-reducing admixture for concrete. *Mapetard Plus* does not contain calcium chloride and will not contribute to the increased corrosion of reinforced steel in concrete. *Mapetard Plus* conforms to ASTM C494 and AASHTO M194, Type B.

Mapetard R

Set-Retarding Admixture for Concrete

Mapetard R (formerly Polychem R) is a highly concentrated liquid admixture conforming to ASTM C494, Type D. *Mapetard R* reduces the quantity of mixing water required to produce concrete of a standard consistency with the benefit of extended slump life and workability. Concrete produced with *Mapetard R* will experience rapid strength development after the initial set occurs. If retardation is within the normal ASTM C494, Type B and D specifications, *Mapetard R* will develop higher early and ultimate strengths than regular concrete under normal comparable curing conditions.

ACCELERATORS

Mapefast Super Set

Accelerating Admixture

Mapefast Super Set (formerly known as Polychem Super Set) is a non-chloride, water-reducing admixture formulated to accelerate the strength development and setting time of concrete in cold weather. *Mapefast Super Set* can reduce labor costs associated with the finishing process. *Mapefast Super Set* is noncorrosive and, therefore, will not aid in the corrosion of reinforcing steel embedded within the concrete. It is recommended for use in all types of concrete, especially reinforced and prestressed.

Mapefast Super Set Plus

Non-Chloride Accelerating Admixture

Mapefast Super Set Plus (formerly known as Polychem Super Set Plus) is a non-chloride, water-reducing admixture formulated to accelerate the strength development and setting time of concrete in cold weather. *Mapefast Super Set Plus* can reduce labor costs associated with the finishing process. Because the noncorrosive *Mapefast Super Set Plus* will not aid in the corrosion of reinforcing steel embedded within the concrete, it is recommended for use in all types of concrete, especially reinforced and prestressed.

SHRINKAGE REDUCERS AND EXPANSIVE AGENTS

Mapecure™ SRA 27 [NA]

Liquid, Shrinkage-Reducing Admixture for Concrete

Mapecure SRA 27 is a chloride-free, liquid admixture specially developed to reduce hydraulic shrinkage in concrete. *Mapecure SRA 27* does not contain expansion agents. *Mapecure SRA 27* meets or exceeds the requirements of ASTM C494, Type S and AASHTO M194, Type S.

Expancrete [NA]

Expansive Agent for Shrinkage-Compensated Concrete

Expancrete is a powdered product added to the other ingredients of concrete in order to compensate for drying shrinkage. According to ACI 223 ("Guide for the Use of Shrinkage-Compensating Concrete"), *Expancrete* is a Type G expansive agent.

FIBER REINFORCEMENT

Mapefibre ST 50 Twisted

Twisted, Macro-Synthetic Fiber Reinforcement for Concrete

Mapefibre ST 50 Twisted is a macro-synthetic fiber composed of a blend of polypropylene and polyethylene resins, to improve the performance characteristics of conventional concrete, pre-cast concrete and shotcrete.

Mapefibre ST 42

Macrosynthetic Fiber Reinforcement for Concrete

Mapefibre ST 42 is a blend of polypropylene and polyethylene resins, configured as waved fiber. It is used for concrete reinforcement, to replace some rebar system and welded wire mesh (WWM) reinforcement, as well as steel fibers. *Mapefibre ST 42* is cut to 1.65" (42 mm) in order to optimize ease of use and dispersion in concrete, as well as finishing and ultimate properties of concrete.

CURING COMPOUNDS

Mapecure™ DR and Mapecure DR 1D

Water-Based, Dissipating-Resin Curing Compounds

Mapecure DR and *Mapecure DR 1D* are water-based, liquid, membrane-forming curing compounds for freshly placed concrete. Formulated from specially selected dissipating hydrocarbon resins, they are 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 1D* includes an already added fugitive dye, with the same performance that *Mapecure DR* offers.

Mapecrete® Film

Evaporation Retardant

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 freshly placed concrete surfaces.

DENSIFIERS

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 surface.

Mapecrete® Hard FS

Liquid, Magnesium Fluorosilicate Densifier and Dustproofer for Concrete

Mapecrete Hard FS is a water-based, magnesium fluorosilicate solution for horizontal concrete surfaces that chemically bonds with the free lime in concrete to produce a denser, more durable and chemically resistant floor surface.

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, hard-troweled 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 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 concrete in order to densify, 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.

SEALANTS AND JOINT FILLERS

Mapeflex® Joint Filler PO 95/100

Two-Component, Semi-Rigid, Polyurea Joint Filler

Mapeflex Joint Filler PO 95/100 is a two-component, semi-rigid, polyurea joint filler used to fill and protect interior control and construction joints from rolling loads. *Mapeflex Joint Filler PO 95/100* is a quick-setting product for rapid turnaround of the application area back to traffic.

Mapeflex® Joint Filler EP 90/50

Two-Component, Semi-Rigid, 100%-Epoxy Joint Filler

Mapeflex Joint Filler EP 90/50 is a two-component, semi-rigid, 100%-epoxy joint filler used to fill and protect interior control and construction joints from rolling loads.

Mapeflex® P2 SL

Two-Component, Self-Leveling, Polyurethane Sealant

Mapeflex P2 SL is a two-component, self-leveling, polyurethane, elastomeric sealant that meets the requirements of ASTM C920.

Mapeflex® P2 NS

Two-Component, Nonsag, Polyurethane Sealant

Mapeflex P2 NS is a two-component, nonsag, polyurethane sealant that meets the requirements of ASTM C920.



SUPERIOR PRODUCTS

A Complete Range of Products

MAPEI produces the most innovative products for the construction market. More than 7,700 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 75,000 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.

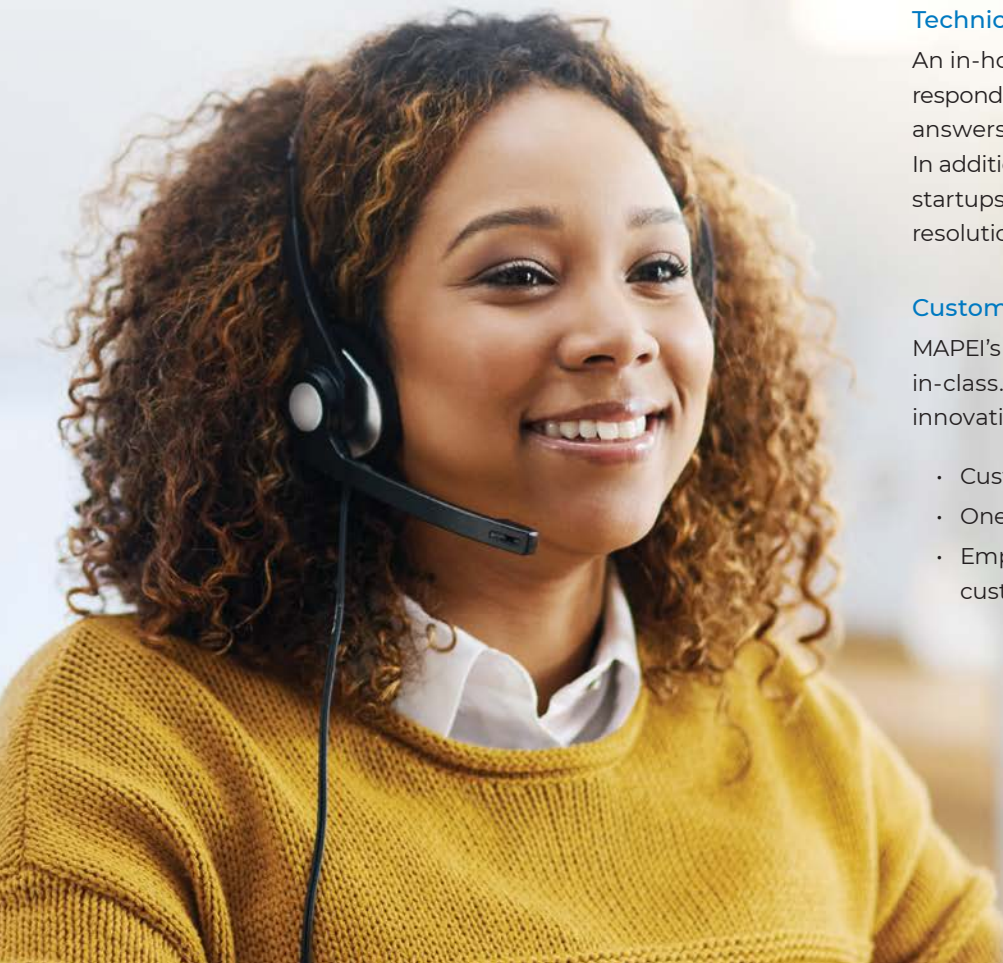
Technical Expertise

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 best-in-class. Our leadership includes such service innovations as:

- Customer-friendly, efficient processes.
- One-call resolution.
- Employee commitment to effective customer dialogue.



Innovative Research & Development

We have always been highly committed to this sector. Our research scientists work within a global network comprising 36 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-BackedSM 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.





— MAPEI USA • MAPEI Caribe —

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of North America**

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1-888-US-MAPEI (1-888-876-2734) /
(954) 246-8888

Technical Services

U.S. and Puerto Rico:

Flooring: 1-800-992-6273

Concrete and heavy construction:
1-888-365-0614

Customer Service

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

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