



Mapeguard[®] Shower Systems

Empowering installers with
premium materials, every
step of the way



Mapeguard Shower Systems

Mapeguard Shower Systems are designed to be used in conjunction with MAPEI's lines of waterproofing products and tile/stone installation products to provide complete shower system solutions. These systems can include the following components, among others, to provide the industry's most complete range of options.

Mapeguard Board provides a quick, easy, waterproof installation on the walls, complemented by and compatible with MAPEI's pre-formed and waterproof *Mapeguard* products in the form of shower trays, niches, seats/benches, ramps and solid curbs, each available in a variety of sizes and shapes for customization to all your shower design needs. Complete the installation with *Mapeguard Drain* and *Mapeguard Drain Grate*.

Wall and floor joints, seams, fasteners, penetrations and critical areas (corners, edges and pipes) must also be waterproofed to complete the process. Approved waterproofing membranes are *Mapelastic® AquaDefense* and *Mapelastic Turbo* with MAPEI's *Reinforcing Fabric*, using a two-coat application. Another option is *Mapeguard WP 200* waterproofing sheet membrane with *Mapeguard WP ST* sealing tape along with special accessory items *Mapeguard PIC*, *Mapeguard POC*, *Mapeguard VC* and *Mapeguard PC*. Install *Mapeguard* accessory items with a MAPEI polymer-modified mortar meeting ANSI A118.4 and/or A118.15 or classified as at least ISO 13007 C2E or C2F.

Mapeguard Shower Systems products are ready to receive tile with a polymer-modified thin-set mortar application (a mortar compliant with ANSI A118.4 and/or A118.15 or be classified as at least ISO 13007 C2E or C2F.)

Mapeguard Shower Systems are for use in interior residential, light commercial and commercial wet applications. They are designed to provide a hassle-free, complete solution for installing shower stalls, including gang showers, pet showers, steam rooms, steam showers, tub surrounds and bathrooms.

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.



Components in Mapeguard Shower Systems

- 1** Mapeguard Board
 - 2** Mapeguard Pre-Formed Shower Tray
 - 3** Mapeguard Pre-Formed Curb
 - 4** Mapeguard Drain
 - 5** Mapeguard Drain Grate
 - 6** Mapeguard Pre-Formed Seat/Bench*
 - 7** Mapeguard Pre-Formed Niche*
 - 8** Mapeguard Pre-Formed Ramp*
 - 9** MAPEI mortar meeting ANSI A118.4 and/or A118.15
 - 10** MAPEI waterproofing membrane (*Mapelastic AquaDefense with Reinforcing Fabric, Mapelastic Turbo with Reinforcing Fabric, or Mapelastic WP 200 with Mapelastic WP ST*)
 - 11** MAPEI grout
 - 12** MAPEI sealant (*Mapesil® T Plus*)
 - 13** MAPEI edge-leveling system*
 - 14** MAPEI profiles*
- * Optional components*



Mapeguard Pre-Formed Shower Tray

Mapeguard Pre-Formed Shower Tray is pre-sloped and made from high-density, expanded polystyrene (EPS) with a high-quality waterproofing sheet membrane bonded to the polystyrene foam. Waterproof, lightweight, durable and ready to tile, Mapeguard Pre-Formed Shower Tray simplifies and reduces installation time. Its waterproof attributes do not contribute to mold or mildew.

Features and benefits

- Pre-sloped made from high-density, expanded polystyrene (EPS)
- Lightweight, durable, rigid
- Easy to handle and install
- Available in multiple sizes
- Quick and easy to cut for customizable sizing
- Pre-applied waterproofed membrane meets ANSI A118.10
- Available in foam or foam/honeycomb layered composition
- The foam/honeycomb version provides enhanced rigidity and superior compressive strength.
- Designed for use with Mapeguard Drain (sold separately)

Mapeguard Pre-Formed Shower Tray (foam)

Center drain tray	Off-center drain tray
38" x 60" (97 x 152 cm)	38" x 60" (97 x 152 cm)
38" x 38" (97 x 97 cm)	
38" x 48" (97 x 122 cm)	
48" x 48" (122 x 122 cm)	
48" x 60" (122 x 152 cm)	
72" x 72" (183 x 183 cm)	



Mapeguard Pre-Formed Shower Tray (foam/honeycomb)

Center drain tray
38" x 60" (97 x 152 cm)
48" x 48" (122 x 122 cm)
48" x 72" (122 x 183 cm)
72" x 72" (183 x 183 cm)



Mapeguard Pre-Formed Ramp

Mapeguard Pre-Formed Ramp is the quick and easy alternative for shower installations when a barrier-free and ADA-compliant, curbless shower installation is desired.

Features and benefits

- ADA-compliant, single slope
- Lightweight and durable: Made from high-density, expanded polystyrene (EPS)
- Easy to handle and install
- Easy to cut for customizable sizing
- Waterproofed membrane surface that meets ANSI A118.10 and is ready to receive tile
- The foam/honeycomb layered composition provides enhanced rigidity and superior compressive strength.

Mapeguard Pre-Formed Ramp

Product size

Length/width/height = 48" x 16" x 1/4" to 1-5/8" (122 cm x 41 cm x 6 to 41 mm)

Mapeguard Board

Mapeguard Board is a multipurpose, waterproof and lightweight backer board, to be used as a substrate for installing all types of ceramic, mosaic and natural-stone tiles. The product is used in interior residential and commercial installations for walls, floors and ceilings, as well as for fabrication of room partitions, benches, seats and other furnishing elements.

Mapeguard Board is made with a high-density extruded polystyrene core, featuring a multi-layered high-strength waterproof membrane on each side to provide water and vapor protection. It is used in a variety of applications, such as showers, bathtub surrounds and steam rooms, for leveling existing uneven walls and even to build bathtub platforms before tile installation. Mapeguard Board can also be used to create shelves, countertops and niches.

Features and benefits

- Lightweight and durable made from high-density, extruded polystyrene (XPS)
- Easy to handle and install: Attaches to wood and metal studs
- Available in a variety of sizes and thicknesses; easy to cut for customizable sizing
- Multi-layered high-strength waterproofed membrane surface that meets ANSI A118.10 and is ready to receive tile
- Low permeability rating approved for use in steam rooms/showers

Mapeguard Board sizing

Product code	Thickness	Width	Length
8107301	1/4" (6 mm)	3 ft. (91.4 cm)	5 ft. (152 cm)
8107001	1/2" (12 mm)	3 ft. (91.4 cm)	5 ft. (152 cm)
8107101	1/2" (12 mm)	4 ft. (122 cm)	8 ft. (244 cm)
8107501	5/8" (16 mm)	3 ft. (91.4 cm)	5 ft. (152 cm)
8107401	1" (2.5 cm)	3 ft. (91.4 cm)	5 ft. (152 cm)
8107201	2" (5 cm)	3 ft. (91.4 cm)	5 ft. (152 cm)



Mapeguard Waterproof Membranes and Waterproofing Solutions

Mapeguard Board, Mapeguard Pre-Formed Shower Tray, Mapeguard Pre-Formed Ramp, Mapeguard Pre-Formed Niche, Mapeguard Pre-Formed Seat/Bench and Mapeguard Pre-Formed Curb are “waterproofing by design.” During installation, the wall and floor joints, seams, fasteners and critical areas (corners, penetrations, edges and pipes) must also be waterproofed to complete the process.

Approved waterproofing membranes are *Mapelastic AquaDefense* and *Mapelastic Turbo* with MAPEI’s *Reinforcing Fabric*, using a two-coat application. Another option is *Mapeguard WP 200* waterproofing sheet membrane along with *Mapeguard WP ST* sealing tape and special accessory items *Mapeguard PIC*, *Mapeguard POC*, *Mapeguard PC* and *Mapeguard VC*. Install *Mapeguard* accessory items with a MAPEI polymer-modified mortar meeting ANSI A118.4 and/or A118.15 or classified as at least ISO 13007 C2E or C2F.

Features

- Approved for steam rooms/showers
- Low perm rating per ASTM E96, Method E

Mapeguard WP 200 sheet membrane	
Product code	Roll size
2850205	39.4" x 16.4 ft. (1 m x 5 m) – 53.8 sq. ft. (5 m ²)
2850210	39.4" x 32.8 ft. (1 m x 10 m) – 108 sq. ft. (10 m ²)
2850230	39.4" x 98.4 ft. (1 m x 30 m) – 323 sq. ft. (30 m ²)
2850215	6 x 50 ft. (1.83 m x 15.2 m) – 300 sq. ft. (27.9 m ²)

Mapeguard WP ST sealing tape	
Product code	Roll size
2856405	4.7" x 16.4 ft. (12 cm x 5 m) – 16.4 lineal ft. (5 m) per roll
2856410	4.7" x 32.8 ft. (12 cm x 10 m) – 32.8 lineal ft. (10 m) per roll
2856430	4.7" x 98.4 ft. (12 cm x 30 m) – 98.4 lineal ft. (30 m) per roll

Mapeguard PIC and Mapeguard POC pre-formed corners	
Product code and description	Size/amount
2856102 Inside corners	4-5/16" x 4-5/16" x 3-1/2" (11 x 11 x 9 cm), 20-unit case
2856101 Inside corners	4-5/16" x 4-5/16" x 3-1/2" (11 x 11 x 9 cm), 25-unit case
2856202 Outside corners	4-5/16" x 4-5/16" x 3-1/2" (11 x 11 x 9 cm), 20-unit case
2856201 Outside corners	4-5/16" x 4-5/16" x 3-1/2" (11 x 11 x 9 cm), 25-unit case

Mapeguard PC and Mapeguard VC pre-formed collars	
Product code and description	Size/amount
2854101 Pipe collars	Round 7.1" (18 cm), size 1/2" (12 mm), 10-unit case
2854125 Pipe collars	Round 7.1" (18 cm), size 1/2" (12 mm), 25-unit case
2854310 Pipe collars	Round 7.1" (18 cm), size 3/4" (19 mm), 10-unit case
2854325 Pipe collars	Round 7.1" (18 cm), size 3/4" (19 mm), 25-unit case
2856601 Valve collars	Round 9.84" (25 cm), 10-unit case
2856625 Valve collars	Round 9.84" (25 cm), 25-unit case





Mapeguard Combo Pack

Product code	Description
2856301	Kit contains: 4 inside corners, 4 outside corners, 1 pipe collar and 1 valve collar

Mapelast AquaDefense, Mapelast Turbo and Reinforcing Fabric*

Product name	Product code	Size
Mapelast AquaDefense	7339104	Pail: 1 U.S. gal. (3.79 L)
Mapelast AquaDefense	7339113	Pail: 3.5 U.S. gals. (13.2 L)
Mapelast AquaDefense	7339119	Pail: 5 U.S. gals. (18.9 L)
Mapelast AquaDefense	7339178	Drum: 55 U.S. gals. (208 L) (special order)
Mapelast Turbo	1676309KIT	Kit: 20 lbs. (9.07 kg) – Part A powder in bag (11 lbs. or 5 kg) and Part B latex in pail (1 U.S. gal. or 3.79 L)
Mapelast Turbo	1676318	Powder in bag: 22 lbs. (9.98 kg)
Mapelast Turbo	1676418	Latex in pail: 2 U.S. gals. (7.57 L)
Reinforcing Fabric	1782131	Roll: 6" x 75 ft. (15 cm x 22.9 m)
Reinforcing Fabric	1782123	Roll: 38" x 75 ft. (96.5 cm x 22.9 m)

* Use Reinforcing Fabric over gaps larger than 2" (5 cm) after use of a polymer-modified mortar meeting ANSI A118.4 and/or A118.15 to fill the gap.



Mapeguard Pre-Formed Niche

This niche provides a fast, easy way to create recessed shelves in showers, steam rooms and bathrooms.

Features and benefits

- Mount flush with 1/2" (12 mm) backer board in a wall cavity 2" x 4" (5 x 10 cm) deep
- No mechanical attachments required
- No outside flanges to feather in or build up
- Designed for a better tile fit
- Available in a variety of sizes
- Installs easily and quickly
- No cross-bracing required
- Lightweight, waterproof, durable and seamless
- Ready to receive tile

<i>Mapeguard Pre-Formed Niche</i>	
Product size (length/width/height)	Product shape
Outer: 14-1/2" x 14-1/2" x 4" (36.8 x 36.8 x 10 cm) Inner: 12" x 12" x 3.5" (30 x 30 x 8.9 cm)	Square niche
Outer: 27-3/4" x 14-1/4" x 4" (70.5 x 36.2 x 10 cm) Inner: 25-1/2" x 12" x 3-1/2" (64.8 x 30 x 8.9 cm)	Double-square niche
Outer: 22-1/2" x 14-1/4" x 4" (57.2 x 36.2 x 10 cm) Inner: 20" x 12" x 3-1/2" (50.8 x 30 x 8.9 cm)	Rectangular niche with shelf
Outer: 22-1/2" x 14-1/4" x 4" (57.2 x 36.2 x 10 cm) Inner: 20" x 12" x 3-1/2" (50.8 x 30 x 8.9 cm)	Rectangular niche with customizable shelf location



Mapeguard Pre-Formed Seat/Bench

This ready-to-tile seat/bench adds waterproofed beauty and function to showers and wet areas.

Features and benefits

- Waterproof and ready for tile
- Cut to fit or combine to create custom shapes and sizes
- Lightweight and durable
- Easy to transport
- Quick and easy to handle and install
- Reduces labor and allows faster completion
- Designed to meet the most demanding commercial and residential applications

<i>Mapeguard Pre-Formed Bench/Seat</i>	
Product size (length/width/height)	Product shape
38" x 11-1/2" x 20" (96.5 x 29.2 x 50.8 cm)	Rectangle
47-3/4" x 15-1/2" x 20" (121 x 39.4 x 50.8 cm)	Rectangle
22" x 15-1/2" x 20" (55.9 x 39.4 x 50.8 cm)	Triangle
32-1/2" x 23" x 20" (82.6 x 58.4 x 50.8 cm)	Triangle



Mapeguard Pre-Formed Curb

This curb simplifies installations, creating waterproofed tile-ready curbs in lieu of lath and mortar or as a replacement for a 2" x 4" (5 x 10 cm) overlaid and waterproofed curb.

Features and benefits

- Ready-to-tile pre-formed curb reduces labor associated with traditional curb installations
- Convenient lengths of 38" (96.5 cm), 48" (122 cm), 60" (152 cm) and 72" (183 cm)
- Can be cut or combined to accommodate a variety of lengths
- Durable and lightweight
- Easy to transport and handle during installation
- *Mapeguard Pre-Formed Curb* does not contribute to mold or mildew.
- Quick and easy to install

<i>Mapeguard Pre-Formed Curb</i>	
Product size (length/width/height)	Product shape
38" x 4-1/2" x 5-1/8" (96.5 x 11.4 x 13 cm)	38" (96.5 cm) solid curb
48" x 4-1/2" x 5-1/8" (122 x 11.4 x 13 cm)	48" (122 cm) solid curb
60" x 4-1/2" x 5-1/8" (152 x 11.4 x 13 cm)	60" (152 cm) solid curb
72" x 4-1/2" x 5-1/8" (183 x 11.4 x 13 cm)	72" (183 cm) solid curb



Mapeguard Drain and Mapeguard Drain Grate

Mapeguard Drain and Mapeguard Drain Grate are designed to be used with the Mapeguard Pre-Formed Shower Tray for center and off-center point drain layouts and floated mortar bed installations. Mapeguard Drain Grate is available in a PVC or ABS version with an integrated bonding flange. Mapeguard Drain Grate consists of nominal 4" x 4" (10 x 10 cm) grates of #316 stamped stainless steel.

Features and benefits

- Integrated bonding flange
- Innovative weeping system
- Made from heavy-duty PVC or ABS
- Easy to install
- Tile support web for mosaic tile
- Mapeguard Drain allows 360-degree adjustment
- Easy alignment and placement of horizontal adjustment cup
- Designed for liquid and sheet waterproofing
- Threaded height-adjuster provides lock-in-place precision
- Drain assembly solves several common problems, including discoloration of stone and grout around drains due to trapped moisture
- Grate shim provides perfect grate holder leveling adjustment if needed
- Mortar guard provides plumbing protection during installation
- Drain grate holder features inner sloped design
- Fits standard 2" (5 cm) drain waste vent pipe
- Complete single-source shower pan installation system

Industry standards and approvals

- Certified to the ASME A112.18.2/CSA B125.2 – 2020 edition
- Code approved to the UPC, IPC, California Plumbing Code and the Plumbing Code of Canada

Mapeguard Drain – with integrated bonding flange

Product description	Finish
PVC drain	White
ABS drain	Black



Mapeguard Drain Grate – stamped stainless steel

Product description	Finish
Nominal 4" x 4" (10 x 10 cm)	Polished stainless steel
Nominal 4" x 4" (10 x 10 cm)	Brushed nickel
Nominal 4" x 4" (10 x 10 cm)	Matte black





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