

Mapeguard Pre-Formed Curb

Solid Pre-Formed Curb for Showers



DESCRIPTION

Mapeguard® Pre-Formed Curb is made from high-density expanded polystyrene (EPS), with a solid composition and an acrylic polymer coating. This waterproof, lightweight, tile-able accessory simplifies shower installations. *Mapeguard Pre-Formed Curb* is used to create a tile-ready curb in wet areas in lieu of lath and mortar, or as a replacement for 2" x 4" (5 x 10 cm) boards that are overlaid and waterproofed. Its waterproof attributes do not contribute to mold or mildew.

FEATURES AND BENEFITS

- Ready-to-tile pre-formed curb reduces the 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
- Waterproof attributes that do not contribute to mold or mildew
- Quick and easy to install

WHERE TO USE

- Interior use
- Industrial, commercial and residential bathrooms as well as wet areas
- Gang showers
- Pet showers

LIMITATIONS

- The temperature range for installations is 40°F to 90°F (4°C to 32°C).
- Do not expose unprotected *Mapeguard Pre-Formed Curb* to sun or weather for more than 30 days.
- Do not expose to solvents or other harsh chemicals.
- *Mapeguard Pre-Formed Curb* must be covered with ceramic tile, stone tile or another suitable finish. Use protection board for temporary cover before finishing.
- Adhesives/mastics, mortars and grouts for ceramic tile, pavers, brick and stone are not replacements for waterproofing membranes. When a waterproofing membrane is required in seams, connections or corners, use an approved MAPEI waterproofing membrane.
- The minimum size for mosaic tiles is 2" x 2" (5 x 5 cm).

SUITABLE SUBSTRATES

- Concrete
- Masonry
- Tile or stone
- Exterior-grade plywood*
- Cement backer units (CBUs) – see the manufacturer's installation guidelines
- APA Sturd-I-Floor, Exposure 1, OSB

* Interior use only

SURFACE PREPARATION

- All substrates must be structurally sound, flat, stable, dry, clean and free of any substance or condition that may reduce or prevent proper adhesion.
- Surfaces must be structurally rigid enough to support ceramic/stone tile, thin brick and similar finishes. Substrate deflection under all live, dead and impact loads (including concentrated loads) must not exceed L/360 for thin-bed ceramic tile/brick installations or L/720 for thin-bed stone installations.

See the "Surface preparation requirements" reference guide in the Tile & Stone Installation Systems section of MAPEI's Website.

PRODUCT INSTALLATION

Read all installation instructions thoroughly before installation.

Preparation

1. Ensure that walls are square and plumb for a proper fit of the curb.
2. The subfloor under the curb must be clean and level.
3. Dry-fit the curb to make certain that it fits the area for installation and that it sits flush and level with floor. If the curb is paired with a foam pan, ensure that the curb fits tightly against the pan.
4. If the curb needs to be site-adjusted to fit the installation area, cut the curb to the proper dimensions.
5. Set the curb(s) aside to begin installing the shower pan.

Installing the curb

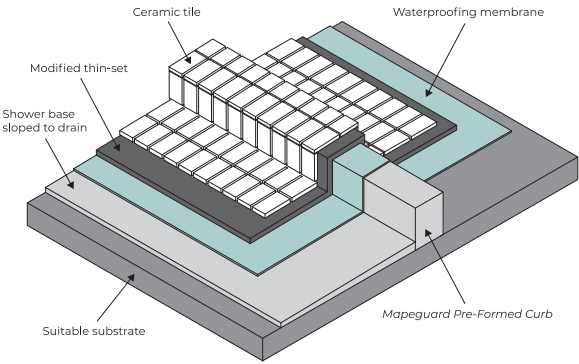
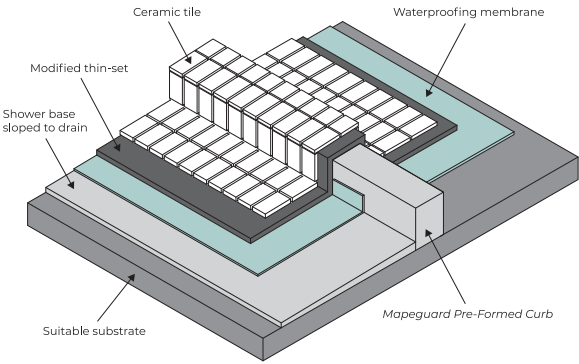
Note: *Mapeguard Pre-Formed Curb* should be installed after installation of the shower pan.

Note: Mortars must meet the ANSI A118.4H, ANSI A118.11 or ANSI A118.15H standard or better, or be classified as at least ISO 13007 C2E or C2F. For fast-track installations, use a MAPEI rapid-setting, polymer-modified, large-and-heavy-tile mortar that is rated as ANSI A118.4FH or better.

1. Pre-measure and cut the *Mapeguard Pre-Formed Curb* to the desired length and dry-fit it.
2. Using a 1/4" x 1/4" x 1/4" (6 x 6 x 6 mm) square-notched trowel, apply a MAPEI polymer-modified large-and-heavy tile thin-set mortar (hereafter referred to as "MAPEI polymer-modified mortar") to the floor, the edge of the shower base/tray and the wall.
3. Apply the MAPEI polymer-modified mortar to the bottom and both ends of the curb.
4. Embed the curb into the MAPEI polymer-modified mortar.
5. Adjust the curb to the desired position and slope it toward shower pan.
6. Carefully remove the excess MAPEI polymer-modified mortar.
7. To achieve a waterproofed system, first use a MAPEI polymer-modified mortar to fill any gap that is over 1/8" (3 mm) but not exceeding 1/2" (12 mm).
8. Option 1: When the fill mortar is dry (appropriate for grouting per the mortar's Technical Data Sheet or TDS), use *Reinforcing Fabric* in combination with *Mapelastic® AquaDefense* or *Mapelastic Turbo* [NA] to seal all panel joints with a 3" (7.5 cm) overlap on both sides of the joint. Place the fabric into wet liquid and apply pressure to the fabric, working out wrinkles or bubbles while forcing the waterproofing to come through the fabric. While fabric is still wet, apply additional liquid membrane over the fabric until completely covered and let it dry completely.

Option 2: *Mapeguard WP ST* waterproofing seaming tape can instead be used to waterproof the system along with an approved MAPEI polymer-modified mortar troweled with a 1/4" x 3/16" (6 x 4.5 mm) V-notched trowel. Press *Mapeguard WP ST* firmly into the mortar, with at least 2" (5 cm) on each side of the seam and embed the tape. Remove any trapped air and ensure full adhesion to the material by spreading the mortar from the inside out using a trowel or straight-edge with rounded corners.

9. Install tile or stone using an approved MAPEI polymer-modified mortar according to TCNA guidelines.



Note about the diagrams: Check local codes for the required waterproofing installation method.

CLEANUP

- For recommended cleanup procedures, refer to the TDS for the appropriate sealant, polymer-modified mortar and waterproofing membrane.

PROTECTION

- Do not store in direct sunlight.
- Protect *Mapeguard Pre-Formed Curb* from exposure to weather before installing.
- If the finished surface is punctured or penetrated during installation or from jobsite construction, recoat the punctured area and 2" (5 cm) beyond the affected area with *Mapelastic AquaDefense* or *Mapelastic Turbo* [NA] along with *Reinforcing Fabric*, or install *Mapeguard WP 200* waterproofing sheet over the affected area. Refer to the appropriate TDS for instructions.
- Regarding protection and curing requirements of the waterproofing system products and mortars that are used, refer to their TDSs.

Packaging

Product Size	Packaging Size
38" x 4-1/2" x 5-1/8" (96.5 x 11.4 x 13 cm)	Box: 39.5" x 5.5" x 6" (100.3 x 14.0 x 15.4 cm)
48" x 4-1/2" x 5-1/8" (122 x 11.4 x 13 cm)	Box: 49.5" x 5.5" x 6" (125.7 x 14.0 x 15.4 cm)
60" x 4-1/2" x 5-1/8" (152 x 11.4 x 13 cm)	Box: 61.5" x 5.5" x 6" (156.2 x 14.0 x 15.4 cm)
72" x 4-1/2" x 5-1/8" (183 x 11.4 x 13 cm)	Box: 73.5" x 5.5" x 6" (186.7 x 14.0 x 15.4 cm)

RELATED DOCUMENTS

Reference guide: "Surface preparation requirements" for tile and stone installation systems**

** At www.mapei.com

ADDITIONAL INFORMATION

For information on MAPEI's commitment to sustainability and transparency, as well as how MAPEI products may contribute to green building standards and certification systems, contact sustainability_USA@mapei.com (USA) or sustainability-durabilite@mapei.com (Canada).

WARNING

The test results shown in the TECHNICAL DATA table were obtained in compliance with test methods and curing cycles, if applicable, defined in the industry standards referenced on the Technical Data Sheet. Please note that the use of test procedures or methods other than those indicated in the table could lead to different values and that, in such cases, any liability of our company is excluded.

LEGAL NOTICE

The contents of this Technical Data Sheet ("TDS") may be copied into another project-related document, but the resulting document shall not supplement nor replace requirements per the TDS in effect at the time of the MAPEI product installation. For the most up-to-date TDS and warranty information, please visit our website at www.mapei.com. **ANY ALTERATIONS TO THE WORDING OR REQUIREMENTS CONTAINED IN OR DERIVED FROM THIS TDS SHALL VOID ALL RELATED MAPEI WARRANTIES.**

Before using, the user must determine the suitability of our products for the intended use, and the user alone assumes all risks and liability. **ANY CLAIM SHALL BE DEEMED WAIVED UNLESS MADE IN WRITING TO US WITHIN FIFTEEN (15) DAYS FROM DATE IT WAS, OR REASONABLY SHOULD HAVE BEEN, DISCOVERED.**

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For the most current product data and BEST-BACKEDSM warranty information,
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