

# RedGard® Fabric Membrane Mixer and Pipe Seal

## 1 Product Name

RedGard® Fabric Membrane Mixer and Pipe Seal

## 2 Manufacturer

Custom Building Products  
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## 3 Product Description

The waterproof RedGard® Fabric Membrane Mixer and Pipe Seal is a fast and easy way to prepare shower walls with piping and handles for tile installation. It is easy to apply to the substrate, and helps to prepare showers for tiling. Apply the mixer and pipe seal for full coverage with the other members of the RedGard® fabric membrane family to provide a durable protective layer for your tile installation.

### Key Features

- Seal plumbing protrusions when preparing a shower to be tiled
- For use with RedGard® Fabric Membrane sheet
- Part of a 100% waterproof/vapor proof membrane system for walls and floors
- Opening can be cut to size

### Suitable Tile Types

All types including impervious porcelain, ceramic tile, natural stone, and precast terrazzo tile. For glass tiles, check with the tile manufacturer to ensure compatibility.

### Suitable Substrates

- Concrete, cement mortar, masonry
- Cement Backerboard
- Gypsum Wallboard
- Properly prepared existing ceramic tile
- Lightweight tile wallboard

### Sizes

12" x 12" with 1/2" opening (30 cm x 30 cm with 13 mm opening)

### Benefits of Product in the Installation

- Waterproof, easy to cut, hang and adjust.
- Installs over cement backerboard, lightweight tile wallboard, or gypsum wallboard
- Helps prepare showers and other wet areas for tiling.
- Suitable for all tile types.
- For information on steam showers, contact Custom's Technical Services department.

### Limitations to the Product

RedGard Fabric Membrane will not accommodate deflection greater than specified in TCNA guidelines and should not be used as a wear surface or left otherwise exposed to construction traffic.

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## 4 Technical Data

### Technical Chart

Property	Test Method	Requirement	Typical Results
Fungus Resistance	A118.10 Section 4.1	No Growth	Pass
Seam Strength	A118.10 Section 4.2	> 8 lbs/" width	16 lbs/2" (7.3 kg/5 cm) width
Breaking Strength	A118.10 Section 4.3	> 170 psi	484 psi (34 kg/cm <sup>2</sup> )
Dimensional Stability	A118.10 Section 4.4	+/- 0.7%	0.05%
Waterproofness	A118.10 Section 4.5	No Water Penetration	Pass
Moisture Vapor Transmission	ASTM E-96 Procedure E	< 0.5 perms	0.05 perms
Shear Bond Strength to Cement Mortar			
Four Week Shear Strength	A118.10 Section 5.5	> 50 psi	267 psi (18.8 kg/cm <sup>2</sup> )
Shear Strength After Water Immersion	A118.10 Section 5.4	> 50 psi	89 psi (6.3 kg/ cm <sup>2</sup> )

## 5 Instructions

### Application of Product

All surfaces must be clean, smooth, and capable of supporting the finished tile installation. The thin-set mortar used for installing RedGard Fabric Membrane must be appropriate for the substrate, and should thoroughly embed in the RedGard Fabric Membrane. Apply thin-set to the intended surface using a minimum 1/4" x 3/16" (6 mm x 5 mm) V-notched trowel. Rougher surfaces may require a larger notched trowel. **Be sure to not let your thin-set mortar skin over.** Only spread out as much as can be covered in about 5 minutes. Using the flat side of a trowel or a taping knife, embed the RedGard Fabric Membrane into the still wet thin-set. Work the trowel or taping knife at angles out and away from the center taking care to work out any air that may have been trapped when the sheet was placed.



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**Pipe and Valve Flashing:** RedGard Fabric Mixing and Pipe Seal can be used to flash around any wall protrusions. It comes with a pre-cut hole measuring 1/2" but can be enlarged in the field with scissors or a knife. Hole in mixer and pipe seal should be tight around any protrusions. Fill any gaps or openings with Custom Shower Installation Systems Sealant (Polyurethane) for a watertight seal.

## Storage

Protect from freezing. Store in a cool, dry area.

## 6 Availability & Cost

Location	Item Code	Size	Package
USA	RFMMP	10" x 10" w/ 1/2" opening	1-pk/6 per case
Canada	CRFMMP	10" x 10" w/ 1/2" opening	1-pk/6 per case

## 7 Technical Services Information

For technical assistance, contact Custom® Building Products.

## 8 Filing System

Additional product information is available from the manufacturer upon request.

## 9 Related Products

RedGard® Waterproofing and Crack Prevention Membrane



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