

# MAPEI LMR Fabric

Reinforcing Fabric for Liquid Waterproofing Membranes



## DESCRIPTION

*MAPEI LMR Fabric* is a spunbond, nonwoven polyester fabric used as a reinforcement for liquid-applied waterproofing membranes. When embedded into a liquid-applied waterproofing membrane, it will add strength and durability to the overall system.

## FEATURES AND BENEFITS

- 100% recyclable
- Thermally bonded
- High ratio of strength to weight
- Excellent dimensional stability
- Rot- and mildew-resistant
- No formaldehyde content
- Chemically inert
- No fraying

## INDUSTRY STANDARDS AND APPROVALS

- ISO 14001

## WHERE TO USE

- Use for vertical and horizontal installations of reinforced waterproofing.
- Use for detailing penetrations, corners, cracks, joints, changes-in-plane and other flashing areas.
- Use with cold-fluid-applied and hot-fluid-applied waterproofing systems.

## LIMITATIONS

- *MAPEI LMR Fabric* cannot be used over expansion joints.
- *MAPEI LMR Fabric* is not self-adhering and must be set into fluid-applied waterproofing membranes that allow the fabric to wet out.
- *MAPEI LMR Fabric* must be covered with a layer of fluid-applied waterproofing the same day that it is applied and before precipitation occurs.

## PRODUCT APPLICATION

1. Cut *MAPEI LMR Fabric* into the desired size with scissors or a knife.
2. Install *MAPEI LMR Fabric* without wrinkles into the first layer of cold- or hot-fluid-applied waterproofing while wet (fluid). Broom it into the waterproofing so that the fabric is 100% saturated, in order to maximize adhesion.
3. *MAPEI LMR Fabric* must be dry and free of dust before application of the second layer of fluid-applied waterproofing.
4. Edges should overlap by no more than 1" (2.5 cm).
5. Cover *MAPEI LMR Fabric* with a layer of fluid-applied waterproofing the same day that it is applied and before precipitation occurs.

### Product Performance Properties

Laboratory Tests	Results
Fabric weight – ASTM D3776	1.18 U.S. oz. per sq. yd. (40 g per m <sup>2</sup> )
Grab tensile strength (MD/TD) – ASTM D5034	31.5 lbf / 29.2 lbf (> 140 N / 130 N)
Grab tensile elongation (MD/TD) – ASTM D5034	43% / 60%
Trapezoidal tear (TD) – ASTM D1117	13.5 lbf (60 N)

## Shelf Life and Product Characteristics

Shelf life	2 years when stored in original, unopened packaging at 73°F (23°C)
Thickness	7.1 mils
Color	White
Storage conditions	Keep dry and protect from UV light.

Provide for dry storage on site, and keep the product dry before and during installation.

## Packaging and Coverage

### Size

Roll: 36" x 667 ft. (0.91 x 203 m), for 2,001 sq. ft. (186 m<sup>2</sup>) per roll; packaged 72 rolls per pallet

## 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](mailto:sustainability_USA@mapei.com) (USA) or [sustainability-durabilite@mapei.com](mailto:sustainability-durabilite@mapei.com) (Canada).

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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.**

## CONTACT INFORMATION

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Flooring: 1-800-992-6273

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

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1-800-361-9309

### Customer Service

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

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For the most current product data and BEST-BACKED<sup>SM</sup> warranty information,  
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