

# Mapenet 150 [NA]

Fiberglass Mesh for Reinforcing and Improving *Ultratop®* Loft Systems

NORTH AMERICA [NA]

## DESCRIPTION

*Mapenet™* 150 [NA] is a fiberglass, thin, strong and flexible mesh that enhances the performance of *Ultratop* Loft systems. When embedded in MAPEI's *Primer SN™* [NA] or *Primer SN Fast* epoxy primer, *Mapenet 150* [NA] can be used in horizontal application of the system. *Mapenet 150* [NA] can be also used into *Ultratop Loft F* [NA] or *Ultratop Loft W* [NA] in vertical application of the system.

## FEATURES AND BENEFITS

- Adds superior tensile strength to standard *Ultratop* Loft systems
- Lays flat and is easy to install
- Ready to use; easy to cut with scissors or razor knife

## WHERE TO USE

- Use as a part of the *Ultratop* Loft system on structurally sound horizontal and vertical substrates.
- Typically used on old and micro-cracked concrete slabs after proper crack repair under ACI guidelines. *Mapenet 150* [NA] must be embedded in the *Primer SN* [NA] or *Primer SN Fast* epoxy primer.
- Recommended to be embedded in *Primer SN* [NA] or *Primer SN Fast* on ceramic-tiled floors if structurally sound
- Recommended to be embedded in *Ultratop Loft F* [NA] or *Ultratop Loft W* [NA] in vertical installation of the system when going over tile

Consult MAPEI's CRS Technical Services Department for installation recommendations regarding conditions not listed.

## LIMITATIONS

- Use only with *Ultratop Loft* systems.
- Do not use *Mapenet 150* [NA] to reinforce the epoxy primer on wood subfloors.

## PRODUCT APPLICATION

*Mapenet 150* [NA] must be completely embedded in the layer of the epoxy primer or cementitious micro-topping to be reinforced. Read all installation instructions related to the *Ultratop Loft* systems thoroughly before installation.

1. For horizontal applications reinforcing *Primer SN* [NA] or *Primer SN Fast*: While the product is still fresh, lay the *Mapenet 150* [NA] mesh on the surface and press it with a straight-edge trowel or roller so that it is embedded into the layer. Overlap every piece of *Mapenet 150* [NA] mesh by about 2" (5 cm). A second layer of epoxy primer should be applied if needed to completely embed the mesh with a full sand broadcast per product recommendations on the Technical Data Sheet.
2. For vertical applications reinforcing *Ultratop Loft F* [NA] or *Ultratop Loft W* [NA]: While the product is still fresh, lay the *Mapenet 150* [NA] mesh on the surface and press it with a trowel so that it is embedded in the layer. Overlap every piece of *Mapenet 150* [NA] mesh by about 2" (5 cm). When the first layer of *Ultratop Loft F* [NA] or *Ultratop Loft W* [NA] is dried, proceed with applying the second layer.

### Product Performance Properties

Laboratory Tests	Results
Minimum tensile strength (warp) – ASTM D5035	150 lbs. per inch (670 N per 2.54 cm)
Minimum tensile strength (weft) – ASTM D5035	180 lbs. per inch (790 N per 2.54 cm)

### Shelf Life and Product Characteristics

Color	Blue
Weight – ASTM D3776	145.0 g/m <sup>2</sup>
Weave	Leno
Thickness – ASTM D1777	0.017" (0.430 mm)
Construction (warp) – ASTM D3775	6 yarns per inch (24 yarns per 10 cm)
Construction (weft) – ASTM D3775	5 yarns per inch (20 yarns per 10 cm)

**Packaging and Approximate Coverage\***

Size	Coverage
Roll: 38" x 150 ft. (0.97 x 45.7 m)	477 sq. ft. (44.3 m <sup>2</sup> )

\*Actual coverage is depending on the substrate.

## 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).

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## CONTACT INFORMATION

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### Customer Service

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