

Mer-Krete™ B.F.P.

WATERPROOF and CRACK ISOLATION MEMBRANE

DESCRIPTION:

B.F.P. is a thin load bearing crack isolation membrane composed of an asphalt modified latex elastomer, reinforced with a polyester fabric that provides a trowel applied monolithic surface. Its thin section (approx. 1/16" and excellent elongation and strength provides positive waterproofing while inhibiting the transfer of cracks from the substrate to the finished surface. The membrane is installed in a semi-fluid state and can be applied to practically any form or irregular shape (i.e. base flashings, parapets, walls, etc.)

USE:

B.F.P. Membrane is used extensively in high rise buildings and malls to provide waterproofing and crack resistance for thin-set ceramic, terrazzo, quarry and stone tile. This membrane can be installed over any sound subsurface.

ADVANTAGES:

- Quickly installed. Cures in 24 hours allowing next day overlay.
- Completely waterproof with zero porosity.
- Helps to reduce on-grade hydrostatic pressure.
- May be turned up for base flashing and applied to walls for wainscot or shower wall application.
- Thin section – does not interfere with elevations.
- May be installed over a slip sheet for heavier section toppings (i.e. concrete, Portland Terrazzo, mud set quarry and pavers).

LIMITATIONS:

- Will not bridge substrate expansion joints. Consult a Mer-Krete technical representative for required special treatment.
- Wood subsurfaces must be adequately blocked at joints. Joints that are open more than 1/16" must be filled with suitable underlayment prior to the application of the membrane. Consult manufacturer for special requirements.

RECOMMENDATIONS:

When covering existing slabs or uneven surfaces, the use of Underlayment is recommended as a smoothing coat or to provide required pitch.

Wood subsurfaces used as traffic areas require a minimum 1" sand/cement mud bed pre-float with wire reinforcement to provide a rigid substrate to support traffic per TCA guidelines.

The use of a latex modified mortar (ANSI A-118.4) or acrylic admix such as Mer-Krete 150 Acrylic Latex is highly recommended for setting all ceramic and stone tiles to ensure compatibility.

INSTALLATION:

Work should be performed only by an applicator trained and familiar with these products, and in strict accordance with manufacturer application specifications, abbreviated below:

1. Prepare and clean surface to be waterproofed.
2. For installations over non-traffic bearing wood surfaces, the entire area to receive membrane must be coated with Mer-Ko Wood Seal prior to application
3. Blend Filler and Emulsion and trowel apply to the entire area as a bondcoat and allow to dry.
4. Trowel apply a liberal coat of mastic to the previously coated area. Roll in the reinforcing fabric followed by an additional trowel coat of mastic to "sandwich" the fabric between coats of mastic.
5. Trowel apply a final coat of the filler and emulsion blend to protect the membrane.
6. Allow a minimum of 48 hours to dry before flood testing (Drying Time: 48 hours minimum at 70°F and 50% relative humidity).

AVAILABILITY:

Mer-Krete systems are installed by trained contractors located throughout the U.S.

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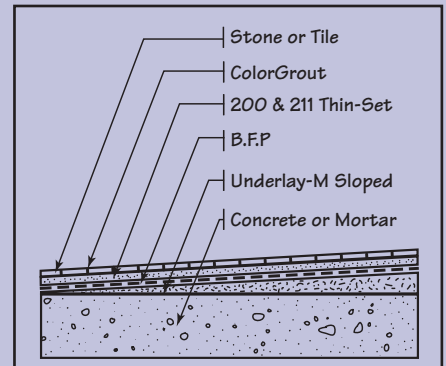
To help guard against the growth of mold and mildew on its surface in damp areas.

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For the latest and most current product information, make sure to visit our website at: www.merkrete.com

WATERPROOF MEMBRANE EXTERIOR



PHYSICAL & TECHNICAL DATA:

Adhesion: > 500 p.s.i.

Elongation: > 500%

Porosity: Zero Transmission
(115 p.s.i. for one hour)

Temperature Sensitivity:

(At Installation) +40°F to 120°F

(After Installation) -60°F to 200°F

Absorption: 0.0%
(Total immersion for 24 hours)

Percent Solids: 70%

Meets ANSI A118.10 and A118.12
Requirements

Drying Time:

48 hours minimum @ 70°F and 50%
relative humidity

Los Angeles Building Department

Approval: RR 4321

Ceramic Tile Institute of America

TECHNICAL ASSISTANCE:

Specification assistance is highly recommended prior to a proposed installation. Contact any Mer-Krete technical representative for recommendations over existing substrates or problem areas.

WARRANTY:

5 year and 10 year warranties are available. Contact the Customer Service Department for specific warranty information.

Since 1971 Mer-Krete B.F.P. has the distinction of being the first CTIOA approved crack isolation waterproof membrane



MER-KRETE SYSTEMS
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