

1115/1120

EBM MEMBRANE

DESCRIPTION

The JETFLEX EBM MEMBRANE system is a family of water-based acrylic, fluid applied seamless elastomeric waterproofing membranes having exceptional bulk water resistance while allowing suitable water vapour transmission.

BASIC USES

1115 EBM Roofing Membrane Base & 1120 EBM Finish are used as a brush, roller or spray applied seamless, self-flashing membrane system over virtually any pitched or low-slope roofing substrate to restore, protect and waterproof.

MAJOR ADVANTAGES OF EBM

- Water based, non-toxic, low odour and non-flammable.
- Ultra-violet resistant with low temperature flexibility.
- No peeling fading or cracking.
- Elastomeric - expands and contracts with temperature fluctuations.
- Bonds tenaciously to Bitumous Asphaltic and Roll roofing, Urethane and Polystyrene Foam, Concrete, Steel and Wood.
- Safe easy application, water clean-up.

TECHNICAL & PRODUCT DATA

- | | | | |
|-------------------------------------|-------------------|-----------------------------------|---|
| • Solids by volume: | 51% | • Adhesion to poly-urethane foam: | dry 4.8 lb/in
cohesive failure |
| • Viscosity: | | • Permeability: | 5 perms |
| • Initial | 90 Krebs | • Film swelling: | 10 - 17% |
| • 4 weeks | 92 Krebs | • Dirt pick-up 1 year: | excellent |
| • Dry time to: | | • Ultra-violet resistant: | excellent |
| • touch | 2 to 3 hours | • Thermal shock: | excellent |
| • re-coat | 4 to 8 hours | • # of components: | one |
| • full cure | 24 hours per coat | • Flash point: | none |
| • Tensile strength: | 170 psi (1.2 MPa) | • Reducer/Cleaner: | water |
| • Elongation at: | | • Shelf life: | 1 year unopened |
| • max. stress | 225% | • Weight per litre: | 1.45 kg/L (12.1 lbs/gal) |
| • break | 330% | • Minimum Application temp.: | 40°F (5°C) |
| • Recovery after
25% elongation: | 60% | • Coverage @10 mil DFT: | |
| • Flexibility at: | | • 1115 Base | 50 SF/L (200 SF/gal) |
| • -15°F (-26°C) | pass 180 1/8" | • 1120 Finish | 50 SF/L (200 SF/gal) |
| • 300 hours
weatherometer | pass 180 1/8" | • Packaging: | 20L pails & 200 L drums
(5 gal. pails & 55 gal. drums) |
| • 1 year exterior | pass 180 1/8" | | |
| • Crack bridging at: | | | |
| • 104°F (40°C) | no cracking | | |
| • -15°F (-26°C) | no cracking | | |

DO NOT ALLOW TO FREEZE

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APPLICATION INSTRUCTIONS

Refer to manufacturer's Application Procedures and Specifications for each specific substrate for detailed application instructions. Correct surface preparation is of the utmost importance. All surfaces must be sound, dry, clean and free of oil, grease or any other contaminants. Obvious damaged areas must be repaired before application of coatings. All damaged flashings must be replaced or repaired. All areas holding moisture within the primary substrate, insulation or existing roofing materials must be removed or opened and allowed to dry. Cants, coves, flashings, parapet caps, termination points and around protrusions are pre-flashed using IMCO 1115 Base to embed the 11FB fabric. Open seams are repaired using the 1115 Base with 11FB fabric. The EBM roofing system is **not** designed for use in areas where ponding can occur.

90# ROLL ROOFING

Deteriorated composite roofing must be replaced with new 90# base sheet material. Lifted, split or curled overlap seams must be refastened with roofing mastic and renailed. Coatings: 1115 EBM Base at 50 sq. ft./litre (200 SF/gal) and 1120 EBM Finish at 50 sq. ft./litre (200 SF/gal).

URETHANE FOAM

Finished surfaces of the applied spray foam shall be of reasonable smoothness, free of ridges, bumps and depressions with positive slope to the drain and be in an acceptable condition to receive protective coating. For foam roofs previously coated with a silicone base membrane apply one coat of 1113 Primer at the rate of 50 SF/L (200 SF/gal) before application of the EBM membrane. Coatings: 1115 EBM Base at 50 SF/L (200 SF/gal) / 1120 EBM Finish at 50 SF/L (200 SF/gal).

METAL ROOFS

Rusted areas must be wire brushed and primed with IMCO 510A Aluminum Primer. Pinholes and damaged areas are repaired using 1115 Base and Fabric. Re-secure all sheets, new anchors to be installed with 1115 Base and all existing anchors to be tightened and sealed with 1115 Base. Coatings: 1115 EBM Base at 50 SF/L (200 SF/gal) / 1120 EBM Finish at 50 SF/L (200 SF/gal).

FLASHINGS

Embed 11FB Fabric into 1115 Base to create flexible flashings.

SPECIAL HANDLING

Do not apply the IMCO JETFLEX coatings in temperatures below 4°C (40°F) or if the temperature will drop below 0°C (32°F) in the next 12 hours or if rain is imminent or if dew will settle before coatings dry.

SAFETY

Please see the Material Safety Data Sheet. If swallowed, see a physician immediately. Keep out of reach of children.

Manufactured by: IMCO TECHNOLOGIES INC., 350 Wentworth Street North, Hamilton, ON L8L 5W3 Tel: 905-546-5225

WARRANTY DISCLAIMER:

The information herein is to assist customers in determining whether our products are suitable for their application. Our products are intended for sale to industrial and commercial customers. We request that customers inspect and test our products before use and satisfy themselves as to the contents and suitability. We warrant that our products will meet our written specifications. Nothing herein shall constitute a warranty expressed or implied, including any warranty of merchantability or fitness, nor is protection from any loss or patent to be inferred. The exclusive remedy for all proven claims is replacement of our materials and in no event shall we be liable for special, incidental or consequential damages.