

# IMPER

## WATERPROOF MEMBRANE

# PROFIX



**IMPER meets or exceeds standard norm\*:**

### ANSI

- ANSI A118.10



- ANSI 118.12



\* See lexicon at the end

### Description

IMPER is a waterproof system composed of a Styrene-Butadien modified latex and a reinforced fibre designed specifically for thin-set tile applications. Once applied, it becomes a flexible and long lasting waterproof membrane.

IMPER is also an excellent anti-fracture membrane for bridging existing stable cracks, preventing them from extending through the ceramic tile.

#### Characteristics

- Easy application - simply use a paint roller / No mixing necessary - same procedure as painting
- Really thin once dry, will not change your shower's final outcome
- Quick set
- Ideal for showers
- Less than 1% of VOC

#### Formats

16 ft<sup>2</sup> kit for tub surround  
40 ft<sup>2</sup> set (4 kg)  
200 ft<sup>2</sup> set (22.7 kg)  
20 ft<sup>2</sup> of latex only  
200 ft<sup>2</sup> of fibre only

### Technical data @ 22°C

Pot life	2 hours
Drying	4 hours between each coat
Initial set	4 hours
Final set	72 hours
Shear strength	216 psi (28 days)
Colour	Blue (black once dried)
VOC level	0 g/L

#### Shelf life

IMPER: 24 months following production date. Must be stored in a dry and heated area.

#### Fabric's Typical Physical Properties

The fabric is used with the Imper. The following graphic shows only the specs of the fabric itself.

Area Weight	100	g/sqm
Thickness	.30	mm
Elongation - MD	52	%
Elongation - CD	66	%
Trapezoid Tear - MD	8.0	daN
Trapezoid Tear- CD	7.0	daN
Shrinkage @ 200C	0.66	%
Strip Tensile - MD	29	daN/5cm
Strip Tensile - CD	22	daN/5cm

### Recommended substrates

Test on a small surface first to ensure suitability of coverings.

Concrete blocks (levelling coat required)

Cured concrete (28 days)

Existing bricks (levelling coat required)

Gypsum plaster / wallboard

Exterior grade plywood (dry interior spot only)

Concrete board

Terrazzo floor (levelling coat required)



### Technical notes

- Membrane must be covered by a protective surface.
- Use a good quality mortar for the installation of your tiles.
- Can be used on fractures up to 1/8" (3 mm) wide.
- Do not apply too thickly (up to 2 mm).

### Instructions

#### Underlayment

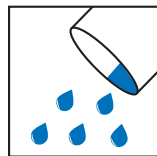
The underlayment is the most important step for a long lasting result. Refer to the "Good supports" technical bulletin on our website. The underlayment must meet the TTMAC and TCA standards.

#### Substrate preparation



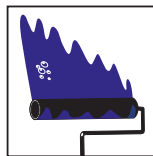
All backing surfaces must be structurally sound, level, true, dry, clean, and free of deleterious substances (wax, sealer, etc.), which may act as bond barriers (conforming to the industry standards as outlined by the TTMAC and the TCA). Ensure that all cracks and voids are cleaned and filled with a polymer modified thin-set mortar.

#### Mix



Liquid must be mixed before application.

### Application



Apply the latex onto a dry surface with a paint roller or paint-brush. Roll the membrane into the latex until it is completely impregnated with latex. Every strip of membrane must overlap by 10 cm (4") to ensure that the surface is completely covered. Press down with a wood float until the liquid completely bleeds through the fabric.

A second application must immediately follow to saturate and completely seal the membrane. Reinforce the membrane with an additional membrane 10 cm (4") wide for all changes in elevation and for interior and exterior corners.

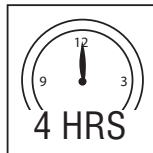
Let cure at least 4 hours and apply another coat of latex to the entire surface to completely seal the fibre. Let dry until the following day or until it is solid enough to support circulation. Surfaces covered by the waterproof membrane must be protected until the protective surface is installed.

### Cleaning



Clean tools with a paint thinner.

### Curing



Let dry 4 hours between each new coat of latex.

### Maintenance

No particular maintenance is required given the nature of this product.

### Limitations

- Do not use at temperatures below 15°C or over 40°C
- Do not use in swimming pools
- Not recommended in area exposed to rubber solvents
- Do not use over pressed wood, particle board, masonite, lauan or asbestos board, or other similar materials
- Do not install over cracks with inverse vertical movement
- Do not freeze
- Do not install over expansion or control joints

# PROFIX

## Tile and Stone Installation Systems

# IMPER

Waterproof membrane

### Warranty

The product is guaranteed for a period of 10 years for an indoor installation and 5 years for outdoor installation. See «Warranty» on the website for more details.

### LEED



Leadership in Energy & Environmental Design (LEED) is a green building rating system that plans, develops, compares and certifies sustainable buildings around the planet. The Canada Green Building Council certifies the project in terms of total points obtained after verifications and an examination of the documentation submitted by the design and construction teams. IMPER can help to achieve the following credits:

Indoor Environmental Quality:

IEQ Credit 3.2 option 3 - Reduce indoor air quality problems

IEQ Credit 4.1 - Low Emitting Materials

Materials and Resources:

MR Credit 5.1 - 10% extracted and manufactured regionally

MR Credit 5.2 - 20% extracted and manufactured regionally

Refer to the PROFIX website for letters of certification.

### Health and Safety

Refer to the MSDS on our website for handling recommendations.

### Technical support

Questions? Call the PROFIX customer care team toll-free at: 1-800-463-6850 or e-mail us at: [info@profixsystems.com](mailto:info@profixsystems.com)

PROFIX is a registered trademark.

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### Lexicon

**Pot life:** Maximum time the product can stay in the pail and remain usable. After this time, the product will be difficult to use and start to dry, making your work more difficult and the product much less effective.

**Open time:** Maximum time you have to install your tiles once the mortar has been applied to the subfloor. After this time, a film will appear over the surface of the mortar and progressively reduce its grip. It is therefore recommended NOT to install tiles on mortar that has been applied for longer than the maximum time indicated.

**Initial set:** Minimum time recommended before allowing light circulation (e.g. the weight of one person) over the surface. Before that time, no circulation should be allowed.

**Final set:** Product's final set time.

**Shear strength:** Mortar strength in psi.

#### ANSI:

Waterproof Membranes (ANSI A118.10-1993): These membranes may be trowel applied, built up membranes, liquid applied or sheet applied materials. Some materials are suitable only for use under mortar-bed installations while others may be used in either mortar-bed or thin-set methods. Some products are designed to be used as both waterproofing membrane and as a bond coat for setting ceramic tile. In all cases, refer to the manufacturer's recommendations and local building by-laws and codes regarding limitations and suitable applications.

#### Liability

Before using, the user shall determine the suitability of this product for its intended use and the user alone shall assume all risks and liabilities in connection therewith. La Margna Inc. shall not accept any liability for any damage, loss or prejudice resulting from the direct or indirect use of our product in non-compliance to our specifications.

May 18th, 2010