



# POLYURETHANE MEMBRANE



## DESCRIPTION

A monocomponent flexible barrier that dries naturally forming a seamless barrier with excellent mechanical performance and adherence making the surface resistant to weather, extreme temperatures, sunlight and chemicals. Once polymerised, it creates a flexible, seamless waterproof barrier that adheres to the surface.

## ADVANTAGES

- ✓ Once set and dry it forms a seamless, flexible impermeable barrier.
- ✓ Excellent adherence to fibre cement, concrete, brick, mortar, ceramic tiles etc.
- ✓ Excellent weather resistance, withstands sunlight, cold and rain and prevents leaks.
- ✓ Can be walked on 15 days after drying.
- ✓ Adapts to any surface.
- ✓ Absorbs expansion and contraction due to temperature changes.
- ✓ Easy to apply (roller or spray).
- ✓ Extremely flexible.
- ✓ Resistant to hydrolysis.
- ✓ Resistant to frost.
- ✓ The treated surface can be walked on.
- ✓ Easy to repaint.

## RECOMMENDED USES

Ideal for painting terraces, roofs and decks made of tile, cement, fibre cement or mortar, etc.

For restoring and repainting aged asphalt waterproofing. For sealing soldered terraces and roofs with horizontal drainage.

Protects against polyurethane foam.

Does not require reinforcing with geotextile except on edges or expansion joints.

## PRESENTATION

Colours: Red, Tile, Grey, Green and White.

4 and 15 L tubs.

## TECHNICAL CHARACTERISTICS

**Composition: Fixed vehicle:** Water-based polyurethane resin and acrylic copolymers.

Pigments: Titanium dioxide and selected extender oils.

Solvent: Water.

**Density:** 1.24 ± 0.02 Kg./L. (depending on colour).

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**Solid volume:** 45 ± 2%.

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**Drying:** To the touch 12 hours (25°C).  
Repaint at 24 hours (under normal temperature and moisture conditions).

#### APPLICATION

If no bonding primer is used, the first coat must be diluted with water at 30-35% to prime the surface.

Apply at least two cross-painted coats, without diluting, or at maximum dilution of 5%.

Reinforce with non-woven geotextile where necessary. Apply the geotextile to the surface while the first coat is still wet, and saturate with the necessary quantity of barrier.

Do not apply in coats more than 0.5 mm thick, dry thickness.

**Application temperature:** ambient temperature of 5 to 35 °C. do not paint if rain or frost is forecast in the next few days. Cold slows down drying and heat accelerates it. Damp may affect the finish.

**Painting tools:** Spray gun, airless, wide brush, narrow brush, roller, etc.  
Shake vigorously before use.

**Consumption:** 1 – 1.5 Kg. /m<sup>2</sup> in two or three coats.

#### SURFACE PREPARATION

All surfaces must be dust free, clean, dry and free of salt bloom. Eliminate unstable surfaces.

Larger cracks (larger than 1 mm) must be sealed first with an appropriate filler. Small cracks and fissures can be filled with the product before the first coat.

Maximum humidity must not surpass 5%. New concrete construction must be allowed to dry for 28 days minimum before painting.

Polished surfaces must be lightly sanded.

Check that the surface is dry, with no hidden damp.

We recommend priming with Pinay bonder or water-based two-component epoxy primer.

Pay special attention to critical points:

Walls, sumps, skylights, expansion joints and vertical joints.

#### STORAGE

Easy to mix by shaking after 12 months' storage in a sealed container. Does not form skin, gel or lumps. Keep away from temperatures below 5 °C.

#### SAFETY

Consult the label and the Safety Data Sheet.



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