

Waterproofing Membrane

is a water based, **GREY** PU modified, Acrylic coating for interior & exterior use. Our **WHITE** Latex Waterproofing Membrane dries faster but is for indoors only. They are **Class III** – as per AS/NZS4858:2004 Wet areas membrane. The Grey WPM dries fast outdoors & is trafficable (pedestrians). It can be tinted & rolls on as a high-build membrane that's pot water drinkable. Tested to have good adhesion with cheap & expensive Tile Adhesives.

Our system is two generous coats of Epoxy Primer & two coats WPM. You no longer need 5 different products, because this combination is so good at blocking out water, it can be used for most waterproofing applications. The Epoxy Primer grips like glue onto the surface, blocking water & the WPM stretches, if concrete cracks, making it a fantastic waterproofing System.

Both WPM have **300 %** very tough elongation that can almost bounce back to its original condition.

Soft WPM usually stretch well over 300%, but sharp objects can puncture the soft coating more easily. Both WPM are suitable for potable applications & compatible with most tile adhesives.

Applications: Internal & external wet areas, under-tile waterproofing, roofs, bathrooms, showers, laundries, balconies, podiums decks, window reveals, retaining walls, plant boxes, basements, tunnels, retaining walls, car parks, water tanks (pot water drinkable).

Coverage: Apply minimum two coats. **Floors- 1mm-1.2mm** dry film thickness.
Walls- 0.75mm - 1mm dry film thickness (Rough guide)

2 coats (**±0.75mm dry film thickness**) - **15 Litre pail coats 12m².**

2 coats (**± 1mm dry film thickness**) - **15 Litre pail coats 10m²**

2 coats (**± 1.2mm dry film thickness**) - **15 Litre pail coats 8m²**

Drying Time: 4 – 8 hours depending on thickness & site conditions.

Close gaps in Wooden Floorboards – This can be done either

from on top or underneath floorboards. Apply a heavy coat of WPM, then embed a strip of polyester reinforcing fabric along the floorboard cracks. Apply a second heavy coat of WPM over it, to completely bury the fabric. This stops cold air blowing through in winter & helps keep the house cool in summer. It also reduces dust & moisture coming in & blocks out a lot of outside noise.

For floors you can add Sand to WPM (light traffic) – this makes it more durable, but obviously loses its flexibility.

If you need some flexibility, first apply one coat of plain WPM, as the flexible layer. This should give a **5 -10%** elongation which is often enough for small cracks. Then apply 2 coats of WPM with sand, in opposite direction to the other. Many prefer adding Crushed Glass rather than Sand.

15 Lts WPM - you can add **5 -15% water** & **1 Lt Jug of fine sand** (apply 2 coats). For more grit, double the sand, but remember to also double the water. Stir every time you pour, so sand is in suspension, then roll evenly with a 10mm nap roller.

