

Liquid Gold Waterproofing Membrane

is a water based, Polymer rich & PU modified coating. Our **Liquid Gold INTERIOR WPM** (Green) dries fast, which is vital indoors and our **Liquid Gold EXTERIOR WPM** (Grey) dries slower indoors, but outdoors where it's mostly used, it dries fast. They are both **Class III** – as per AS/NZS4858:2004 Wet areas membrane. They are rolled 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 or more coats of Epoxy Primer & two or more 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. Both WPM are suitable for potable applications & compatible with most tile adhesives.

Applications: **Internal WPM** – bathrooms, showers, laundries, & under-tile waterproofing. **External WPM** – roofs, balconies, podiums decks, window reveals, retaining walls, plant boxes, basement, tunnels, water tanks (pot water drinkable).

Coverage: Apply minimum two coats Waterproofing Membrane – with a total Dry Film Thickness **minimum 1.5mm.**

Walls 1 Coat 15Lt Kit coats $\pm 50m^2$ ($\pm 0.75mm$ – 1mm **DRY** film thickness)
2 Coats 15Lt Kit coats $\pm 25m^2$ ($\pm 1.5mm$ – 2mm **WET** film thickness)

Floors 1 Coat 15Lt Kit coats $\pm 45m^2$ ($\pm 1mm$ – 1.2mm **DRY** film thickness)
2 Coats 15Lt Kit coats $\pm 22m^2$ ($\pm 2mm$ – 2.5mm **WET** film thickness)

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

For floors you can add Sand to Exterior WPM – this makes it more durable, but obviously loses its flexibility. If you need some flexibility, first apply one coat Ext WPM without sand, as the flexible layer. This should give a **5 -10%** elongation which is often enough for small cracks. Then apply 2 coats of **Ext WPM with sand**, in opposite direction to the other. Many prefer adding **Crushed Glass** rather than Sand, because glass is stronger & doesn't suck water, whereas sand does.

(Crushed glass is better, but then don't add the extra water)

15Lts Exterior 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.

Close gaps in Wooden Floorboards – This can be done either from on top or underneath floorboards. Apply a heavy coat of Exterior 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.

