

# EXTERNAL DECK INSTALLATION



Please ensure all required Personal Protective Equipment is followed from MSDS

What you will need to complete the application including Part 1 & 2 Clear Waterproofing Membrane:



Soudal Joint Adhesive



Applicator Gun



Paint Brush



If there is any missing grout you may also require some additional matching grouts we recommend ARDEX



Paint Roller

**Step 1:** Check to see if there is any loose material and/or substances that may weaken and diminish adhesion like loose tiles or grout on the area you wish to apply Remedial Membranes Clear Waterproofing Membrane (CWM) to.

If you can identify some loose tiles you can adhere these to the sub straight with Soudal Joint Adhesive (if compatible with existing membrane) as this is a neutral cure adhesive it will not be required to fully cure prior to CWM's application.

If any grout is missing replace grout with as close a match as you can and allow to cure, you can decrease its curing time with a heat gun.

**Please note:** Any time you remove a tile and the sub straight is soft to touch like a sponge your water damage may require a specialist to investigate as your water damage may have gone into the building materials and require additional repair.

**Step 2:** Clean the entire surface to be free from grease, grime, mould, fungi and dust.

**Step 3:** Surfaces should be thoroughly cleaned and flushed to remove detergent residues and allowed to completely dry. DO NOT APPLY CWM IF THE WHOLE SURFACE IS NOT COMPLETELY DRY

**Step 4:** Try and identify where the leak/s may be coming from, look for cracks in junctions between the wall and the floor and cracks through the floor where expansion might have occurred over time. Fill these cracks and all existing silicon joints with Soudal Joint Adhesive (this is not required to cure prior to CWM application).

**Step 5:** Check weather to ensure the forecast is for a minimum of two sunny days if concerned about the weather cover with tarp.

**Step 6:** Externally Mix CWM2 liquid slowly into CWM1 liquid while mechanically stirring to ensure proper mixing. Always add CWM 2 to CWM1. Allow the mix to stand for 5 mins prior to use. Mix a minimum of 10% CWM Part 2 into CWM Part 1.

Dry film thickness should never drop below 125microns (.125mm) in areas 100mm directly adjacent to junctions between wall and floor and any area that is prone to movement like cracks and expansion joints product dry thickness should be increased to 500 microns (.5mm) and applied over the joint adhesive

**Step 7:** Apply the CWM in all the junctions between the wall and the floor with the paint brush as high as required but at least 100mm, and 100mm in from the floor perimeter.

**Please note:** The underside of doorsills are a known weakness, apply Soudal Joint adhesive at the point where the wall meets the flashing and waterproofing to the Joint Adhesive and put flashing over.

If walls are weatherboard, remove if possible the last weather board sheeting to apply product up to the underside and refix.

**Step 8:** Apply a large amount of CWM to the paint roller and move around the surface in one direction ensure complete coverage but do not leave puddles of the product.

**Please Note:** If you plan to add a non slip product do it prior to the first coat curing.

**Step 9:** Ensure the first coat has completely cured and is fully transparent ensure that there is no visible whitening especially in the junctions between wall and floor.

**Step 10:** Apply the second coat of CWM in all the junctions between the wall and the floor with the paint brush as high as previous coat, and 100mm in from the floor perimeter.

**Step 11:** Apply second coat in the opposite direction to the first coat again. Please ensure you have adequate dry time prior to the temperature dropping at night as dew is water and cannot sit on the product until it has completely cured.

**Step 12:** Once completely transparent it now trafficable however DO NOT add pots or outdoor furniture for 7 days to allow complete curing of the product.

**Step 13:** Always follow customer care instructions.