

## **RASOGUM + (TDS ADDENDUM)**

Ready to Use Single-Component Flexible Undertile Liquid Waterproofing Membrane Class III Membrane  
400% elongation

### **MAIN FEATURES**

- Conforms to AS4858:2004
- BRANZ Appraised (No. 542)
- Suitable for internal use. Low VOC content and non-hazardous –
- Meets Green Building Council of Australia Green Star IEQ-13 requirements Fast-drying acrylic membrane

### **PRODUCT DESCRIPTION**

- Rasogum + is a liquid-applied membrane used for internal wet areas and complies with AS4858 for product performance.
- Rasogum + is a fast-drying, ready-to-use polymer-enhanced acrylic membrane that is robust and flexible with 400% elongation.
- Rasogum + can be used over both floor and wall substrates, screeds, FLC and under tile heating and will provide a fully sealed surface that can be tiled upon.
- Rasogum + has been TANZ appraised as part of a Wet Area tile system and is to be installed as per E3/AS2, utilising the IWAM Code of Practice chapters 1-4.
- Rasogum + is a grey membrane applied with a nap roller and brush in a two-coat layer system.

The membrane will be applied over a primed substrate (Technokolla Primer T or primer 101) and meet both E3 and B2 of the NZBC.

### **RASOGUM BENEFITS**

- ✓ Rasogum + is Fast drying and can be tiled over after 48 hours depending on temp/humidity.
- ✓ Excellent strength does not need reinforcing mesh
- ✓ Class 3 membrane as per AS/NZ 4858: 2004 Wet Area Membranes
- ✓ Robust 1mm DFT with easy build-up capabilities.
- ✓ Cured for good, once cured, Rasogum + will not re-emulsify
- ✓ Specifically, as part of the Technokolla tiling system

## SUBSTRATES

Rasogum + can be applied to both wall and floor substrates

### WALLS

- Plasterboard substrates must be installed per the manufacturer's instructions and primed with Technokolla Primer T or Primer 101.
- Cement boards must be installed as per the manufacturer's instructions, and surfaces must be primed with Technokolla Primer T or Primer 101
- Any wall cavity must be detailed as per E3/AS2 requirements of the IWAM Code of Practice with a Wall Cavity Protector, and a membrane must be applied over the wall flange.
- All plasterboard joins must be base coat plastered and paper taped before accepting the substrate as suitable for applying the Rasogum +.

### FLOORS

- Rasogum + is suitable to be applied over all internal floorings in a wet area under the following instructions.
- Concrete floors must be cured for a minimum of 28 days and not have any form of rising dampness. The concrete should be free of all contamination, such as cement laitance, wallboard plaster, paint overspray, dirt, concrete release agents, concrete curing compounds and membranes and any other product that may affect the adhesion of the primer or membrane. If concrete is overly polished, the concrete may require grinding to open the concrete pores.
- Timber floors must be first prepared to provide a flat and true surface and then have a cement board underlay installed over the timber flooring. Timber floors include Strandboard and Plywood, and it is not recommended that Particle board is used within a wet area.
- Cement board underlays must be installed per the manufacturer's instructions, and all nail fixings and Panel bond adhesives must be used. The flooring must be ridged with no noticeable flex and must not exceed 1/360 deflection. The cement board must be primed before the application of the membrane proceeds.
- Floor Levelling Compound (FLC) and Under Tile Heating (UTH) can be installed over concrete and prepared timber floors. The FLC must not have contamination, such as cement laitance, before being primed before membrane application.
- Shower floors, Screeds and Preformed bases must be protected by the membrane. The screed must first be primed once the correct curing time has been followed. The Kronos screed binder and MonoKronos screed mix can reduce the cure time from 2 weeks for standard sand and Portland Cement to 3 days for the Kronos screeds.
- All junctions considered areas subject to movement must have the RL80 band applied once the substrates have had the primer applied and sufficient time for curing has been allowed. Areas such as the waste leak control flange must be clean and free from contamination and have the full extent of the flange to apply the RL300 apron.

- Screeds and preformed bases must have the appropriate fall of 1;50 / 1;80 from the shower perimeter to the waste and must not sit either proud or lower than the waste flange.
- Any substrate that will form the lower layers of the tiled surface must be protected by Rasogum + before membrane application; these include acoustic underlays, decoupling mats, UTH and FLC.

#### **APPLICATION OF RASOGUM+**

1. All surfaces must be clean, free from contamination, and fixed according to the substrate manufacturer.
2. The substrate must be primed with Technokolla Primer T or Primer 101, and the prime must dry fully.
3. Application of the RL80 in the wall/floor junction to all internal and external corners detailed so that the band is installed square to the corners with the RL80 evenly applied to both the floor and wall
4. The wall/wall internal corner RL80 band is then applied to cover the floor/wall band at the internal junction.
5. If the plasterboard has been installed horizontally or vertically, the RL80 band is to be installed over the sheet joins, noting that the sheet joins are also required to have base coat plaster, and paper tape applied. **It is not appropriate to install a membrane over the finished compound.**
6. The RL300 apron is applied over the waste leak control flange and is detailed down the vertical section of the leak control flange. An RL300 apron may also be used over the Wall Cavity Protector.
7. The installation of a water-stop (NT water-stop) is required at all critical junctions to prevent water migration; this also includes the doorway as per the IWAM Code of Practice.
8. Screw holes and fixings should be covered with an appropriate bond breaker, either a neutral cure silicone or a plaster compound applied only over the screw fixing.
9. The Rasogum + is firstly applied over all of the RL80 bands with a brush applying the membrane thoroughly to the surface and leaving the membrane as a layer.
10. Using the Rasogum+ over the large areas of the walls and floor can be done with a nap roller in one direction (North/South). The first membrane coat must cure for at least 4 hours at 25 degrees Celsius and 50% RH.
11. Once the first coat is confirmed to be cured, the second coat can be applied in the opposing direction (East/West) to confirm that the membrane has completely covered the substrate.
12. The membrane Dry Film Thickness is required to be a minimum of 1.0mm, to give a robust layer between the substrate and adhered tile finish.
13. After the membrane is fully cured in 24-48 hours (depending on atmospheric conditions), the Rasogum+ membrane application should have a 24-hour flood test to confirm that the application has no leaks.