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**EcoProof -**  
EcoProof Liquid  
Membrane  
Specification



*The Experts In Waterproofing*



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# EcoProof - EcoProof Liquid Membrane Specification

## 1. Preparation

Prior to application, the existing surface should be thoroughly cleaned to remove all dirt, fungal growth, loose solar coverings, dust etc. Power washing the surface is usually the preferred method of cleaning, however, it is the contractor's responsibility to determine the best method of cleaning for each application. The main pre requisite is to ensure the materials can successfully bond to the surface.

**Cracks in the existing surface;** larger cracks should be filled with EcoProof Liquid Membrane Mastic. Smaller hairline cracks should be repaired using EcoProof Liquid Membrane.

**Existing blisters within substrate;** should be cut, opened up and cleaned out. Pre-cut EcoProof Strengthening Tape to size, cover the area with EcoProof Liquid Membrane to adhere the affected Area.

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## 2. Detailing

Changes of angle, changes of substrate, gutter and protrusion details, cracks/joints and plant machinery are to be detailed by embedding EcoProof Strengthening Tape into EcoProof Liquid Membrane. Ensure the tape is worked into the Liquid Membrane, keep completely free from trapped air which can cause creases and fish mouths and in turn an unsatisfactory bond to the surface. This is to bring extra strength to vulnerable areas and eliminate all potential weak points in the roof.

**Existing repairs;** loose or unstable repairs to be removed and new repairs carried out using Strengthening Tape embedded into EcoProof Liquid Membrane as outlined above.

**Outlets;** inspect free flow of waste water through the outlets. Remove any covers or gratings, apply Strengthening Tape embedded into EcoProof Liquid Membrane as outlined above, as far into the outlet as possible.

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### 3. Application: EcoProof Liquid Membrane

EcoProof Liquid Membrane can be applied by means of a brush or roller or by an airless spray device.

**Hand Applied:** once satisfied that all vulnerable areas have been detailed, an initial 1kg/m<sup>2</sup> application of EcoProof EcoProof Liquid Membrane should be applied to the whole area and allowed to cure for up to \*2-4 hours. Once dry and tack free a second coat of EcoProof EcoProof Liquid Membrane is then to be applied at 1kg/m<sup>2</sup> and allowed to cure for \*2-4 hours.

**Spray Application:** alternatively, can be applied by an airless sprayer following the same application rates as hand applied. Apply in two coats, each coat at 1kg/m<sup>2</sup>.

If required products can be diluted up to 10% using clean water to allow easy spraying.

\*Cure rates may vary depending on atmospheric conditions  
Note coverage rates may vary depending on surface

# EcoProof -

## EcoProof Liquid Membrane

### Specification

#### 4. Features

- Good resistance to high and low temperatures
- Good resistance to ultraviolet rays, salts and industrial agents
- Rainwater-proof: on prolonged contact it may suffer light softening, but it takes again its mechanical properties as soon as it gets dry
- It is semi-trafficable for normal maintenance operations only
- It creates a continuous membrane without joints and/or interruptions
- Multiple applications; very easy to apply on every kind of surface even those not regular or flat
- No primer necessary, **however a clean surface** is required
- Suitable for application onto dry or damp surfaces
- Do not apply onto wet surfaces or when rain is imminent

