



## Subflex 5000 – Data Sheet

### Description:

**Subflex 5000** is a flexible single package water based PU modified water proofing membrane. It is formulated to waterproof shower recesses, bathrooms, laundries, decks, balconies and light foot traffic roofs.

### Physical Properties

<b>Resin Type</b>	PU modified acrylic Emulsion
<b>Solvent</b>	Water
<b>Colour</b>	Grey, white or blue
<b>Finish</b>	N/A
<b>Drying time</b>	4 hours at 20°C, full cure 3-5 days
<b>Recoat time</b>	1-2 hours
<b>Dry Film Thickness</b>	750µ minimum
<b>No. of coats</b>	2 minimum to attain 750µ
<b>Theoretical Coverage</b>	1.7litres/m <sup>2</sup> to attain DFT of approximately 1mm
<b>Primer Needed</b>	Yes
<b>Thinning &amp; Cleaning</b>	Does not require thinning, wash up with water.

### Performance:

- Approved to AS/NZ 4858:2004 Class 111 Wet Area membrane.
- Can be used for internal and external applications.
- Does not require reinforcing except for areas of regular foot traffic.
- Cement tile adhesives can be applied over **Subflex 5000**.

### Limitations:

- Do not apply at temperatures less than 10°C or when temperature will fall below 10°C during the drying time.
- Must be applied at a minimum of 750µ DFT to meet AS/NZ 4858:2004

### Substrate Preparation:

- New concrete surfaces and rendered surfaces must have a wood float finish. Steel trowel finishes must be mechanically or chemically abraded before application of **Subflex 5000**. New concrete must be cured for 28 days and rendered surfaces for 7 days.
- All cracks must be filled with the appropriate flexible filler for the size of the crack.
- All construction sheeting both internal and external must be installed as per the manufacturer's recommendations.

### Priming:

- Ensure all surfaces are dry and free of all contaminants. Any old paint must be flake free and firmly adhered to the substrate. Any protrusions that may pierce the membrane must be removed.

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- Metal surfaces must be primed with an appropriate etch primer. All other surfaces must be primed with Everest **Key Coat**.

### **Application:**

- **Subflex 5000 must be applied to a minimum of 0.75mm dry film thickness.** Consumption rate will be approximately 1.7 litres/m<sup>2</sup> to attain this thickness.
- Apply the first coat of **Subflex 5000** to the primed surface using a thick roller.
- Allow first coat to dry and apply the second coat by roller at 90° to the first coat. This ensures complete coverage and helps eliminate any air bubbles that are present.
- If any imperfections are present in the dried surface of the second coat apply a 3<sup>rd</sup> coat.
- When the application is finished do not disturb the membrane for at least 24 hours at 20°C.
- If the membrane is being used under tiles, inspect the surface before tiling to ensure no pinholes are present.

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