

# SikaTite-PUD

## Flexible, water-based polyurethane modified, waterproofing membrane

Construction

<b>Description</b>	SikaTite-PUD is a one-component, water-based polyurethane modified waterproofing membrane.
<b>Uses</b>	<p>SikaTite-PUD is suitable for applications to most common building substrates including concrete, fibre cement, plasterboard, gyprock, render, and render brickwork.</p> <p>SikaTite-PUD is suitable for waterproofing of:</p> <ul style="list-style-type: none"> <li>• Shower Recesses</li> <li>• Bathrooms</li> <li>• Laundries</li> <li>• Light foot traffic roofs</li> <li>• Decks and balconies</li> </ul>
<b>Advantages</b>	<ul style="list-style-type: none"> <li>• Fast drying</li> <li>• Can be recoated after 1-2 hours @ 20°C depending on amount of coats applied and substrate</li> <li>• Can be used for internal and external waterproofing applications</li> <li>• Sika cement based tile adhesives can be applied over SikaTite-PUD</li> <li>• No reinforcement required</li> <li>• Easy to clean in water</li> <li>• Approved in accordance with <b>AS4858:2004 “Wet Area Membrane”</b></li> </ul>
<b>Storage and Shelf Life</b>	Approximately twelve (12) months from date of manufacture when stored in its unopened original containers in a cool, dry place.
<b>Instructions for Use</b>	<p><b>Surface Preparation</b></p> <p>All new concrete surfaces must be allowed to cure for at least 6 weeks and have a wood float finish. Steel trowel finished slabs must be chemically or mechanically abraded prior to commencing waterproofing.</p> <p>All rendered surfaces must be allowed to cure for at least 7 days prior to commencing waterproofing. Ensure all rendered surfaces have a wood float finish.</p> <p>Ensure all metal surfaces are rust free.</p> <p>Small hairline cracks may be filled with the first application of SikaTite-PUD. Cracks larger than 2 mm or structural shrinkage cracks must be firstly filled with a Sikaflex 11FC or Sikaflex Pro, and then a 50 mm wide polypropylene/polyethylene tape placed over the crack prior to the application of SikaTite-PUD.</p> <p><b>Fibre Cement sheet</b> when used as an underlay or wall / floor material must be a minimum of 6 mm in thickness. All FC Sheets should be fixed in accordance with the manufacturer’s instructions and the relevant standards.</p> <p><b>Compressed Fibre-Cement</b> sheets when used as a floor substrate must be 15 mm thick, and when used a wall substrate must 9 mm thick and must be installed in accordance with the manufacturer’s instructions and the relevant standards.</p> <p><b>Gypsum-plasterboard</b> sheets when used as a wall substrate must be a minimum of 10 mm thick, and installed in accordance with the manufacturer’s instructions and the relevant standards.</p>

<b>Priming</b>	<ul style="list-style-type: none"> <li>• Ensure all surfaces are sound, dry and free from excessive movement, oil, dust, grease, wax, curing compounds, release agents, paint and any other loose contaminating materials. Also remove any protrusions from the surface that may pierce the membrane.</li> <li>• All surfaces must be primed with SikaTite-Primer prior to the application of SikaTite-PUD to the substrate. Except for metal surfaces which should be primed with a Zinc Chromate / etching primer.</li> <li>• When applying the SikaTite-Primer it is recommended to firstly pour some primer in a section then spread the primer using a broom, brush or roller. Then continue this method of application until the entire area is primed. <b>Note:</b> This method of application ensures a thorough coat of the primer on the surface.</li> <li>• Allow the primer to dry for approximately 5-10 minutes at 20°C prior to commencing waterproofing.</li> </ul>
<b>Mixing</b>	SikaTite-PUD is a one part premixed product that does not require mixing.
<b>Application</b>	<ul style="list-style-type: none"> <li>• Ensure the surface has been appropriately prepared in accordance with Sika's recommendations</li> <li>• Apply Sikaflex 11FC or Sikaflex PRO to joints</li> <li>• Apply the first coat of SikaTite-PUD to the primed surface using a thick brush or a roller.</li> <li>• Re-apply a second coat of SikaTite-PUD at 90° to the first coat to ensure complete coverage is achieved and no air bubbles exist.</li> <li>• A third coat may be required if imperfections are present in the membrane.</li> <li>• Conduct a final inspection on the surface of the membrane prior to commencing tiling to ensure no pinholes exist.</li> <li>• Once the waterproofing is completed do not disturb the area for at least 24 hours at 20°C.</li> <li>• SikaTite-PUD requires to be applied at a minimum thickness of 0.75mm of dry film</li> </ul>
<b>Consumption</b>	1.5 litres/m <sup>2</sup> for 2 coats at approximately 1 mm thick dry film
<b>Cleaning</b>	Clean all tools and equipment immediately after use with water
<b>Technical and Physical Data</b>	
<b>Form</b>	Modified water-based polyurethane
<b>Density</b>	1.25 kg/litre
<b>Elongation at break</b>	320% (at 20°C)
<b>Pot life</b>	1 hour @ 20°C.
<b>Recoating times</b>	1-2 hours @ 20°C (Drying times on flat surfaces under standard conditions is 4 hours)
<b>Curing Time @ 20°C</b>	Full cure      3 days
<b>Packaging</b>	15 litre pail



**Important Notes**

- Do not apply SikaTite-PUD in temperatures above 40°C and below 5°C.
- SikaTite-PUD cannot be used in areas where negative hydrostatic pressure is evident.
- SikaTite-PUD cannot be used in areas of permanent water immersion like swimming pools / spas etc.
- Ensure that SikaTite-PUD is totally dry and the surface is without pinholes before applying any top coat.

**Handling Precautions**

- Sika products are generally quite harmless, provided normal precautions are taken when handling chemicals. Avoid contact with foodstuffs and utensils. Avoid prolonged skin contact. Wear protective clothing, gloves, goggles etc. In the event of contamination wash thoroughly with water. If the eyes or mouth are affected wash with clean water and obtain medical attention immediately.
- Avoid all sources of ignition. No smoking.
- For further information refer to the Sika Material Safety Data Sheet which is available on request.
- If in doubt always follow the directions given on the pack or label.

**Important Notification**

The information, and, in particular, the recommendations relating to the application and end-use of Sika's products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The proprietary rights of third parties must be observed. All orders are accepted subject of our terms and conditions of sale. Users should always refer to the most recent issue of the Australian version of the Technical Data Sheet for the product concerned, copies of which will be supplied on request.

**PLEASE CONSULT OUR TECHNICAL DEPARTMENT FOR FURTHER INFORMATION.**

