

## PRODUCT DATA SHEET

# Sikafloor®-01 Primer (AU)

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SYNTHETIC RESIN PRIMER, APPLIED PRIOR TO FLOORING & TILING SYSTEMS

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## DESCRIPTION

Concentrated resin primer designed to be applied on various substrates prior to cement & calcium sulfate type products.

## USES

Applied in combination with suitable materials from Sikafloor®, SikaBond®, Sikadur®, SikaTite® & Davco® ranges.

Sikafloor®-01 Primer (AU):

- Is suitable for pre-treating various surfaces following the recommended preparation & dilution rates
- Is suitable on floors and walls
- Is suitable for internal or external applications
- Is designed for commercial, residential & industrial installations

## CHARACTERISTICS / ADVANTAGES

- Very Low VOC
- Green star certified
- Solvent-free
- Low consumption - high coverage
- Non-combustible
- Great penetration into porous concrete surfaces
- Can be applied neat over timber/wood & cement sheeting type products
- Suitable for application on sub-floor heating systems
- Eliminates dust
- Versatile water dilution

## APPROVALS / CERTIFICATES

- Green Star VOC-SCQMD Rule 1168
- Solvent-free according to TRGS 610

## PRODUCT INFORMATION

Composition	Synthetic resin
Packaging	5L plastic bottle
Shelf life	12 months from date of production (in closed packaging)
Storage conditions	Store in a cool, dry place. Do not store below +5 °C. Material that has been mixed with water should be used within a week.
Appearance and colour	Blue liquid
Density	1L = 1kg

## SYSTEM INFORMATION

<b>System structure</b>	<b>When self-levelling products are applied</b>	
	Porous concrete	Timber/wood/cement sheeting
	Sikafloor®-01 Primer (AU) (diluted)	Sikafloor®-01 Primer (AU) (neat)
	Subsequent suitable materials	Sikafloor®-4020 FiberLevel
		Subsequent suitable materials
<b>Mixing ratio</b>	<b>Surface</b>	<b>Dilution &amp; application</b>
	Normal steel trowel concrete	1:3
	CSP 1 - CSP 2	x 1 coat (broom or roller applied)
	Mechanically prepared concrete	1:3
	CSP 3 - CSP 10	x 2 coats (broom applied)
	Cement levelling compound	1:3
		x 1 coat (broom applied)
	Sikafloor®-4020 FiberLevel	No dilution, apply neat
		x 1 coat (roller applied)
	Screed	1:2
		x 2 coats (roller applied)
Timber/wood/cement sheeting/wall lining	No dilution, apply neat	
	x 1 coat (roller applied)	
	<b>Note:</b> Mix ratio & application device recommendations should be followed depending on the type of surface mentioned above. Not following these recommendations may result in poor performance and possible product/system failure.	
<b>Consumption</b>	Dilution ratio 1:3 ~ 7 - 8 m <sup>2</sup> per mixed litre No dilution (apply neat): ~ 3 - 4 m <sup>2</sup> per litre Average is depending on absorbency of the substrate, applicator device and mixing ratio.	
<b>Substrate temperature</b>	Between +5 °C to 35 °C	
<b>Substrates</b>	<ul style="list-style-type: none"> <li>▪ Internal or external porous concrete</li> <li>▪ Internal cement levelling compound/screed</li> <li>▪ Internal Sikafloor®-4020 FiberLevel levelling compound</li> <li>▪ Internal timber/wood/cement sheeting/wall lining</li> </ul>	
<b>Waiting time to overcoating</b>	Before applying Flooring or Tiling products wait	
	<b>Substrate</b>	<b>Waiting time</b>
	Porous concrete	~10 - 20 min @ 23 °C
		Per coat
	Cement levelling compound	~10 - 20 min @ 23 °C
		Per coat
	Sikafloor®-4020 FiberLevel	~120 min @ 23 °C
		Per coat
Screed	~20 - 30 min @ 23 °C	
	Per coat	
Timber/wood/cement sheeting/wall lining	~120 min @ 23 °C	
	Per coat	
	<b>Note:</b> All values are approximate and subject to climatic conditions.	

## BASIS OF PRODUCT DATA

### Manufactured in Australia.

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

## IMPORTANT CONSIDERATIONS

- Do not mix or apply Sikafloor®-01 Primer (AU) in temperatures below 5°C and above 35°C.
- Sikafloor®-01 Primer (AU) is not recommended as a trafficable seal coat over cement based materials.
- Directions for Sikafloor®-01 Primer (AU) installation must be followed for best product performance.
- Do not apply Sikafloor®-01 Primer (AU) in fully

submerged situation - pools/ponds.

## ECOLOGY, HEALTH AND SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety-related data.

## APPLICATION INSTRUCTIONS

### EQUIPMENT

Suitable mixing buckets, clean cool water, mixing drill & paddle.

### SUBSTRATE QUALITY / PRE-TREATMENT

- All substrates should be fully cured, structurally sound, clean, dry, and free of surface contaminants. Concrete substrate must be fully cured at least 28 days old with a pull off strength of 1.5 MPa.
- Cement-based substrates must be porous and accept water penetration. Test porosity by lightly sprinkling water on various areas of the substrate. If water penetrates, then a good bond with Sikafloor®-01 Primer (AU) can be achieved. If water beads and fails to be absorbed, surface contaminants are most likely present and a loss of adhesion may occur.
- Surface contaminants that are present should be mechanically removed before installation of Sikafloor®-01 Primer (AU).
- All substrates must be free of efflorescence and not subject to hydrostatic pressure. If the cement-based substrate has efflorescence or high moisture (RH), Sikafloor®-158 W Fast Barrier + moisture barrier system should be considered.
- Timber/wood/cement sheeting/Sikafloor®-4020 FiberLevel must be free of any previous coatings. The manufacturers installation guidelines must be followed when timber/wood/cement sheeting are first installed. Movement of sub-floors must be minimized by mechanical or chemical procedures prior to the installation of Sikafloor® products.
- Please refer also to the product data sheets of subsequent suitable materials for further details.

## APPLICATION

- Apply diluted Sikafloor®-01 Primer (AU) by way of a soft bristle broom, or long napped roller 10 – 15mm. Correct amount of mixed primer liquid should always be applied to the prepared substrate, giving good penetration and film build. Thin applications may result in pinholing in finished surface or debonding levelling compound from the substrate. On particularly porous surfaces where the initial prime coat is absorbed immediately, or mechanically prepared surfaces a second coat is recommended. Avoid foam during application by adding more liquid.
- Apply neat Sikafloor®-01 Primer (AU) over raw timber/chipboard, cement sheeting with a long napped roller 10 – 15mm.

### Note:

For best practice it is recommended subsequent construction materials are applied as soon as primer is dry, but no later than 24hrs.

- Do not allow primer to pool while drying as this will cause a soft spot under construction material.
- Care must be taken not to allow dust to settle on the freshly primed surface.
- If dust has contaminated the surface, first vacuum clean and apply another coat of primer before subsequent materials are installed.

### CLEANING OF EQUIPMENT

Clean tools and equipment with warm water and detergent while the product is still wet.

## LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the declared data for this product may vary from country to country. Please consult the local Product Data Sheet for the exact product data.

## LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika 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 accordance with Sika's recommendations. 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 user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

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Product Data Sheet  
Sikafloor®-01 Primer (AU)  
April 2023, Version 01.04  
020815120010000116