

PRODUCT DATA SHEET

Sikafloor®-01 Primer (AU)

SYNTHETIC RESIN PRIMER, APPLIED PRIOR TO FLOORING & TILING SYSTEMS

DESCRIPTION

Concentrated resin primer designed to be applied on various substrates prior to cement & gypsum 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, CFC & Scyon
- Suitable for application on sub-floor heating systems
- Eliminates dust
- Versatile water dilution

APPROVALS / STANDARDS

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

PRODUCT INFORMATION

Chemical Base	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 / Colour	Blue liquid
Density	1L = 1kg

SYSTEM INFORMATION

System Structure	When self-levelling products are applied	
	Porous concrete	Timber/wood/CFC/Scyon
	Sikafloor®-01 Primer (AU) (diluted)	Sikafloor®-01 Primer (AU) (neat)
	Subsequent suitable materials	Sikafloor®-4020 FiberLevel Subsequent suitable materials
Mixing Ratio	Surface	Dilution & application
	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)
	Wood/CFC/scyon/villaboard/gyprock	No dilution, apply neat x 1 coat (roller applied)
	Note: 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.	
Consumption	1:3 ~ 7 - 8 m ² per mixed L Average is depending on absorbency of the substrate, applicator device and mixing ratio.	
Substrate Temperature	Between +5 °C to 35 °C	
Substrates	<ul style="list-style-type: none"> ▪ Internal or external porous concrete ▪ Internal cement levelling compound/screed ▪ Internal Sikafloor®-4020 FiberLevel levelling compound ▪ Internal Timber/wood/CFC/scyon in raw form (no coatings) 	
Waiting Time / Overcoating	Before applying Flooring/Tiling products wait	
	Substrate	Waiting time
	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/CFC/scyon/villaboard/gyprock	~120 min @ 23 °C Per coat
	Note: All values are approximate and subject to variation due to climate	

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.

LIMITATIONS

- 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.
- Do not apply in fully submersed conditions (pools, ponds etc)
- Directions for Sikafloor®-01 Primer (AU) installation must be followed for best product performance.

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 with a minimum pull off strength of 1 MPa, clean, dry, and free of surface contaminants - curing compounds, silicone & dust for example.
- 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/CFC/scyon/Sikafloor®-4020 FiberLevel must be free of any previous coatings. The manufacturers installation guidelines must be followed when timber/wood/CFC/scyon 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, CFC & scyon 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 TOOLS

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 performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.

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

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will be supplied on request. It may be necessary to adapt the above disclaimer to specific local laws and regulations. Any changes to this disclaimer may only be implemented with permission of Sika® Corporate Legal in Baar.

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