

PRODUCT DATA SHEET

Sikafloor®-360 Level Fibre

Fibre Modified Self Levelling Compound

PRODUCT DESCRIPTION

Sikafloor®-360 Level Fibre is a fibre modified, cement based, protein free powder. When mixed with water, Sikafloor®-360 Level Fibre can be used to level out uneven floors and screeds from 3-60 mm in depth. Suitable for the embedment of underfloor heating. Sikafloor®-360 Level Fibre already contains powdered polymer, eliminating the need for separate expensive latex liquids. When mixed as directed, Sikafloor®-360 Level Fibre provides a free-flowing mix that sets in just 4 hours and can be overlaid after only 8 hours at normal temperatures.

USES

Suitable for

- Concrete
- Sand/Cement screeds (not anhydrite)
- Embedment of underfloor heating
- Ceramic tiles
- Thermoplastic tiles
- Rigid vinyl
- Timber
- Asphalt
- Brick
- Stone

PRODUCT INFORMATION

Chemical Base	Cement, sand and specialist additives.
Packaging	20 kg paper bag.
Appearance / Colour	Grey powder.
Shelf Life	6 months (when stored as directed).
Storage Conditions	This product must be stored between +5 °C and +25 °C in unopened bags clear of the ground in dry conditions and protected from excessive draught.
Density	Density 2.05 kg/L ± 0.05 (fresh mortar).

This product is suitable for the embedment of underfloor heating.

Note: This product is **NOT** suitable for use as a final wearing surface.

CHARACTERISTICS / ADVANTAGES

- Can be used up to 60 mm depth in one application.
- Heat resistant - designed for the embedment of underfloor heating.
- Added fibres and polymer for increased flexibility.
- Low shrinkage.
- Great workability.
- Fast setting time and drying, can be overlaid in 8 hours.
- 4 hours walk on time (+20 °C).
- Good surface appearance and hardness.
- Protein and formaldehyde free.

APPROVALS / STANDARDS

EN 13813 Class CT-C30-F6.

Consumption	20 kg of Sikafloor®-360 Level Fibre mixed with 3.4 litres of water will cover approximately 4.3 m ² at a depth of 3 mm. This figure may vary due to surface area, porosity, surface profile, variations in level or wastage etc.
Layer Thickness	3 mm to 60 mm.
Ambient Air Temperature	+5 °C to +20 °C.
Pot Life	40 minutes
Setting time	Foot traffic ~ 4 hours at +20 °C. Floor coverings ~ 8 hours at +20 °C.

VALUE BASE

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

- Always mix with clean fresh water and always prime floors as directed.
- Never exceed the quantity of water stated. This will dramatically reduce strength and cause cracking.
- Always apply this product whilst primer coat is still tacky.
- The product will not resist rising damp. In these conditions, use in conjunction with 908 BLACKJACK® D.P.M, as directed on the tin.
- Do not mix more compound than can be laid in 30 minutes and never try to reconstitute once the product has set.
- If several coats of Sikafloor®-360 Level Fibre are required to achieve desired depth, always allow each separate coat to dry for a minimum of 8 hours at +20 °C before over-coating with fresh floor leveller, and prime between coats as directed.
- Do not use this product below +5 °C.
- For internal use only.
- To avoid cracking/crazing, existing concrete screeds/asphalt/bitumen must be a minimum of 4 weeks old before overlaying with this product.
- Prior to overlay the measured moisture content needs to be <5 % Tramex index.
- Product will accept foot traffic after 4 hours and can be overlayed after 8 hours at +20 °C. These setting times will be significantly extended at lower temperatures or when used over low porosity sub-floors.

ECOLOGY, HEALTH AND SAFETY

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

APPLICATION INSTRUCTIONS

- Concrete/screed should be at least 28 days old.
- The surface must be dry, clean, structurally sound and possess an effective damp proof membrane.
- The surface should be free from grease, dust and

loose particles.

- The ambient air temperature needs to be +5 °C to +20 °C.

SUBSTRATE PREPARATION

- Always prepare floors by dampening with clean water then priming with SikaBond® PVA+ or SikaBond® SBR+ 1 part to 3 parts clean water for wood, cement-based or substrates with low or limited porosity.
- For highly porous substrates 2 coats of primer should be used the first diluted 1 part to 4 with clean water and allowed to dry before applying the second.
- For existing glazed tiling and asphalt always degrease and roughen up the existing tiling or asphalt prior to laying this product.
- For timber floors screw down all flooring securely at 300 mm centres.
- Mix Sikafloor®-360 Level Fibre with clean water as directed and apply to sub-floor whilst the bonding coat is still tacky.

MIXING

- Mix Sikafloor®-360 Level Fibre with clean water only.
- 20 kg of Sikafloor®-360 Level Fibre will require 3.4 litres of water. Always add the powder to water. **DO NOT USE EXCESS WATER.**
- Mix in a suitable clean container using a mechanical mixer with a spiral mixing paddle at slow speed until fully mixed and a smooth consistency is achieved.

APPLICATION

- Pour the mixture out into the prepared floor and allow it to find its own level. Trowel down lightly to achieve an overall thickness not exceeding 60 mm.
- Where further finishing is required, allow the surface to stiffen (45- 60 minutes) after application. Lightly sprinkle surface with water and carefully trowel to produce a smooth appearance.
- Additional layers, each not exceeding 60 mm, may be applied to achieve the required depth only when the first coat is dry (8 hours minimum @ 20 °C). Prime with SikaBond® PVA+ or SikaBond® SBR+ 1 part to 3 parts water between layers.

CLEANING OF TOOLS

Clean tools in water after use before compound hardens. Wash hands immediately after using this product with soap and water.

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 will be supplied on request.

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