

PRODUCT DATA SHEET

Sikafloor®-2030

REGULARIZATION, 1-PART, COLOURED, ACRYLIC WATER BASED COATING

DESCRIPTION

Sikafloor®-2030 is a 1-part acrylic coating used as a floor regularization thin layer, with selected aggregates added.

USES

Sikafloor®-2030 may only be used by experienced professionals.

- Regularization thin layer for sports flooring
- Regularization thin layer for bike lanes
- Garage floors with light road traffic

CHARACTERISTICS / ADVANTAGES

- Easy application
- Good aesthetic finish
- High durability
- Available in several colours
- Solvent free

SUSTAINABILITY

PRODUCT INFORMATION

Composition	Acrylic water-based resin	
Packaging	20 kg plastic pails	
Appearance / Colour	Coloured paste. Available in several colours: Red (~RAL 3009), Green (~RAL 6001), Grey (RAL 7015) All colours are approximate and the shades may vary depending on the application conditions.	
Shelf life	12 months from date of production	
Storage conditions	The product must be stored in original, unopened and undamaged sealed packaging in dry conditions at temperatures between +10 °C and +30 °C.	
Density	~1,6 kg/l (at +23 °C)	
Solid content by weight	~67%	
Solid content by volume	~42%	
Abrasion Resistance	~114 mg (CS 10/1000/1000) (8 days/ +23 °C)	(DIN 53109)(Taber Abrader Test)

SYSTEMS

Systems	Multipurpose system on asphalt substrates	Bike lanes system onto asphalt substrates	Multipurpose system on concrete substrates
	-	-	Primer coat: 1 x Sikafloor®-154 W
	Regularization coat: 2 x Sikafloor®-2040	Regularization coat: 2 x Sikafloor®-2040	Regularization coat: 1 x Sikafloor®-2040
	Based coat: 1 x Sikafloor®-2030	Based coat: 2 x Sikafloor®-2030	Based coat: 1 x Sikafloor®-2030
	Sealing coat: 1 x Sikafloor®-2020	Sealing coat: 1 x Sikafloor®-2020	Sealing coat: 1 x Sikafloor®-2020

APPLICATION INFORMATION

Mixing Ratio	Sikafloor®-2030 is supplied ready to use and should be thoroughly stirred.		
Consumption	Coating: ~0.4-0.6 kg/m ² These figures are theoretical and do not allow for any additional material due to surface porosity, surface profile, variations in level or wastage etc.		
Ambient Air Temperature	+10 °C min. / +30 °C max.		
Relative Air Humidity	80% r.h. max.		
Dew Point	Beware of condensation! The substrate and uncured floor material temperature must be at least 3 °C above the dew point to reduce the risk of condensation or blooming on the floor finish.		
Substrate Temperature	+10 °C min. / +30 °C max.		
Substrate Moisture Content	Substrate can be damp, no puddling water. No rising moisture according to ASTM D 4263 (Polyethylene sheet test).		
Curing Time	Temperature	Foot traffic	Total curing
	+10 °C	~12 hours	~10 days
	+20 °C	~5 hours	~7 days
	+30 °C	~3 hours	~5 days
	Note: Figures are approximate and can be affected by changing ambient conditions.		
Waiting Time / Overcoating	Before applying Sikafloor®-2030 onto Sikafloor®-2040 allow:		
	Substrate temperature	Minimum	Maximum
	+10 °C	12 hours	3 days
	+20 °C	6 hours	2 days
	+30 °C	3 hours	1 day
	Times are approximate and will be affected by changing ambient conditions, particularly temperature and relative humidity.		

APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY / PRE-TREATMENT

Concrete substrate must be sound, with a sufficient compressive strength ($\geq 25 \text{ N/mm}^2$) and a minimum pull off strength of $1,5 \text{ N/mm}^2$.
The surface must be clean, dry and free of all contaminants such as dirt, oil, grease, coatings and surface treatments, etc.
Concrete and asphalt substrates must be prepared mechanically by using abrasive blast cleaning or scari-fying equipment to remove cement laitance and achieve an open textured surface.

Concrete substrates must be primed with Sikafloor®-154 W.

If substrate is highly dried, it is strongly recommended to damp all surfaces to avoid premature drying of the product, no puddling water.

Weak concrete must be removed and surface defects such as blow holes and voids must be fully exposed. Repairs to the substrate, filling of blowholes/voids must be carried out using appropriate products from the Sikafloor®, Sikadur® and Sikagard®, range materials. Large stains can be removed by grinding.

All dust, loose and friable materials must be completely removed from all surfaces before application of the product, preferably by brush and/or vacuum.

MIXING

Sikafloor®-2030 is supplied ready for use. Before application, mix for 2 minutes using a low speed single paddle electric stirrer (300–400 rpm) or other suitable equipment to mix the liquid and all the coloured pigment until a uniform colour has been achieved.

APPLICATION

Prior to application, confirm substrate moisture content, relative air humidity and dew point. Pour mixed Sikafloor®-2030 onto prepared substrate and spread evenly using a rubber trowel to the required thickness. It should be start from a corner and continue spreading the material evenly. Focuss on singular points to ensure application of the product.

CLEANING OF EQUIPMENT

Clean all tools and application equipment with water immediately after use. Hardener and/or cured material can only be removed mechanically.

FURTHER INFORMATION

Substrate quality & Preparation

Refer to Sika Method Statement: "EVALUATION AND PREPARATION OF SURFACES FOR FLOORING SYSTEMS".

IMPORTANT CONSIDERATIONS

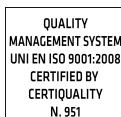
- After application product must be protected from damp, condensation and water contact (rain) for at least 24 hours.
- The incorrect assessment and treatment of cracks may lead to a reduced service life and reflective cracking on the surface.
- For exact colour matching, ensure the Sikafloor®-2030 in each area is applied from the same control batch numbers.

BASIS OF PRODUCT DATA

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.

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Product Data Sheet
Sikafloor®-2030
July 2019, Version 01.01
020813020010000008

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.

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.

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.

Sikafloor-2030-en-IT-(07-2019)-1-1.pdf