

SYSTEM DATA SHEET

Sikafloor® MultiCoat AB-11

Water-based epoxy-acrylic resin floor system for asphalt substrates

DESCRIPTION

Sikafloor® MultiCoat AB-11 is a coloured, water-based, epoxy-acrylic resin floor system for asphalt substrates. It provides a seamless, slip-resistant semi-gloss finish for sports flooring, demarcation areas and areas exposed to light wheeled traffic. The System is based on Sika® Co-elastic Technology (CET).

USES

Sikafloor® MultiCoat AB-11 may only be used by experienced professionals.

Sikafloor® MultiCoat AB-11 is used on:

- Sport facilities and gymnasiums
- Pedestrian and cycling bridges
- Walkways

Please note:

- The Product may only be used by experienced professionals.

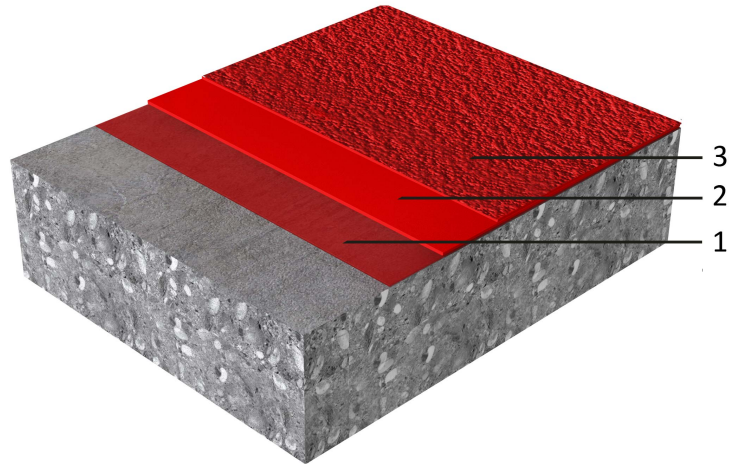
CHARACTERISTICS / ADVANTAGES

- Easy to apply
- Decorative design
- Good resistance to light wheeled traffic
- Available in many colours
- Good resistance to the occasional spillage of hydrocarbons
- Can be filled with quartz sand to improve economy
- Good slip resistance

SYSTEM INFORMATION

System Structure

Sikafloor® MultiCoat AB-11



Layer	Product
1. Primer	Sikafloor®-2040
2. Wearing layer	Sikafloor®-2100
3. Top coat	Sikafloor®-2100

Composition	Epoxy acrylic technology	
Appearance	Cured system appearance	Slip-resistant semi-gloss finish
Colour	Cured system colour	white (~RAL-9010), signal red (~RAL-3001), black (~RAL-9011), yellow (~RAL-1003), oxide red (~RAL-3009), moss green (~RAL-6005), albero (~RAL-1034), light green (~RAL-6027), mint green (~RAL-6029), light blue (~RAL-5012), dark grey (~RAL-7024), platinum grey (~RAL-7036), cobalt blue (~RAL-5013), dark blue (~RAL-5010), cement grey (~RAL-7032), brown (~RAL-8002), beige (~RAL-1001), pink (~RAL-3014), ivory (~RAL-1014)
Nominal Thickness	2.0 mm to 3.0 mm	

TECHNICAL INFORMATION

Tensile Adhesion Strength	≥ 1.5 MPa	(EN 1542)
Reaction to Fire	Class B _{fl} -s1	(EN 13501-1)

APPLICATION INFORMATION

Consumption	Layer	Product	Consumption
	Primer	Sikafloor®-2040	1 × 0.8–1.0 kg/m ²
	Wearing layer	Sikafloor®-2100 (filled 1:1 with Quartz Sand 0.1–0.3 mm)	2 × 0.8 kg/m ² per layer
	Top coat	Sikafloor®-2100	1 × 0.3–0.4 kg/m ²

Note: Consumption data is theoretical and does not allow for any additional material due to surface porosity, surface profile, variations in level, wastage or any other variations. Apply the Product to a test area to calculate the exact consumption for the specific substrate conditions and proposed application equipment.

Ambient Air Temperature	Maximum	+30 °C
	Minimum	+10 °C

Relative Air Humidity	Maximum	80 % r.h.
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Dew Point	Refer to the individual Product Data Sheet.	
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Substrate Temperature	Maximum	+30 °C
	Minimum	+10 °C

Substrate Moisture Content	Refer to the individual Product Data Sheet.	
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Waiting Time / Overcoating	Before applying Sikafloor®-2100 on Sikafloor®-2040, allow:		
	Temperature	Minimum	Maximum
	+10 °C	12 hours	72 hours
	+20 °C	6 hours	48 hours
	+30 °C	4 hours	24 hours
	Before applying Sikafloor®-2100 on Sikafloor®-2100, allow:		
	Temperature	Minimum	Maximum
	+10 °C	10 hours	6 days
	+20 °C	5 hours	3 days
	+30 °C	3 hours	36 hours

Note: Times are approximate and will be affected by changing ambient conditions, particularly temperature and relative humidity.

Applied Product Ready for Use	Temperature	Foot traffic	Light traffic	Full cure
	+10 °C	16 hours	4 days	7 days
	+20 °C	8 hours	2 days	3 days
	+30 °C	4 hours	1 day	36 hours

Note: Times are approximate and will be affected by changing ambient conditions, particularly temperature and relative humidity.

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.

FURTHER INFORMATION

Refer to the following method statements:

- Sika Method Statement — Evaluation and preparation of surfaces for flooring systems
- Sika Method Statement — Sikafloor® mixing and application

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.

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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