

SYSTEM DATA SHEET

Sikafloor® MultiDur EB-14

Slip Resistant Epoxy Flooring System

DESCRIPTION

Sikafloor® MultiDur EB-14 is an epoxy, slip resistant, coloured, rigid flooring system. It provides a safe slip resistant surface in dry and wet conditions.

USES

Sikafloor® MultiDur EB-14 may only be used by experienced professionals.

Slip resistant resin flooring on cementitious substrates for:

- Normal up to medium heavy wear
- Assembly halls
- Storage areas
- Food & beverage production areas
- Multi-storey and underground car park decks
- Loading and access ramps
- Workshops
- Garages
- Wet and dry production areas
- Interior and exterior use

CHARACTERISTICS / ADVANTAGES

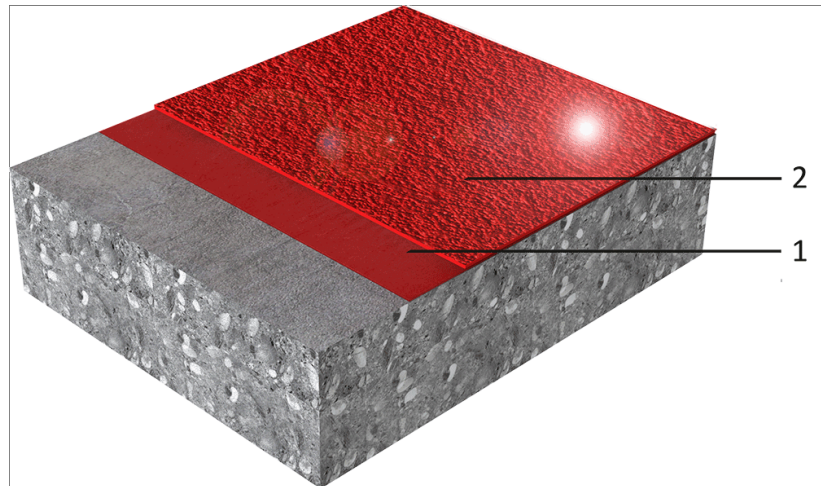
- Slip and skid resistant surface
- Good chemical and mechanical resistance
- Easy application
- Waterproof
- Conforms to the OS 8 German standards

APPROVALS / CERTIFICATES

- Coating System OS 8 Sikafloor®-156/-264, kiwa, Test report No. P 6078
- Slip resistance DIN 51130, Sikafloor®-264, Roxeler Baustoffprüfstelle Germany, Test report No. 020108-13-16
- Slip resistance DIN 51130, Sikafloor®-264, Roxeler Baustoffprüfstelle Germany, Test report No. 020171-14-3

SYSTEM INFORMATION

System structure



Sikafloor® MultiDur EB-14 system (~ 2–3 mm)

Layer	Product
1. Scratch coat & quartz sand broadcast	Sikafloor®-151/-150
2. Wearing finish	Sikafloor®-264

Composition	Epoxy
Appearance	Slip resistant, gloss finish
Colour	Available in many colours
Nominal thickness	~2,0–3,0 mm

TECHNICAL INFORMATION

Chemical resistance	Sikafloor®-264 provides the chemical resistance. Refer to Product Data Sheet.	
Temperature resistance	Exposure*	Dry heat
	Permanent	+50 °C
	Short-term max. 7 days	+80 °C
	Short-term max. 12 hours	+100 °C
	Short-term moist/wet heat* up to +80 °C where exposure is only occasional (i.e. during steam cleaning etc.)	
	*No simultaneous chemical and mechanical exposure.	
Skid / slip resistance	R11 V4	(DIN 51130)
	R12 V6	(DIN 51130)

APPLICATION INFORMATION

Consumption	Sikafloor® MultiDur EB-14 system (~2–3 mm)		
	Layer	Product	Consumption
	1. Scratch Coat	1 × Sikafloor®-150 at 1:0.5 with quartz sand 0.1–0.4mm	~1,8 kg/m ²
	Broadcast	Quartz Sand(0,4-0,7 mm) to excess	~4–6 kg/m ²
	2.Wearing finish	1 × Sikafloor®-264	~0,6 – 0,8 kg/m ²
Ambient air temperature	+10 °C min. / +30 °C max.		
Relative air humidity	≤ 80 % max.		

Dew point	Beware of condensation. The substrate and uncured applied floor material must be at least +3 °C above dew point to reduce the risk of condensation or blooming on the surface of the applied product.																										
Substrate temperature	+10 °C min. / +30 °C max.																										
Substrate moisture content	≤ 4 % parts by weight Test method: Sika®-Tramex meter, CM - measurement or Oven-dry-method. No rising moisture according to ASTM (Polyethylene-sheet).																										
Waiting time to overcoating	<p>Before applying Sikafloor®-264 on Sikafloor®-156/-151 allow:</p> <table border="1"> <thead> <tr> <th>Substrate temperature</th> <th>Minimum</th> <th>Maximum</th> </tr> </thead> <tbody> <tr> <td>+10 °C</td> <td>24 hours</td> <td>3 days</td> </tr> <tr> <td>+20 °C</td> <td>12 hours</td> <td>2 days</td> </tr> <tr> <td>+30 °C</td> <td>8 hours</td> <td>1 day</td> </tr> </tbody> </table> <p>Before applying Sikafloor®-264 on Sikafloor®-264 allow:</p> <table border="1"> <thead> <tr> <th>Title 1Substrate temperature</th> <th>Minimum</th> <th>Maximum</th> </tr> </thead> <tbody> <tr> <td>+10 °C</td> <td>30 hours</td> <td>48 hours</td> </tr> <tr> <td>+20 °C</td> <td>24 hours</td> <td>24 hours</td> </tr> <tr> <td>+30 °C</td> <td>16 hours</td> <td>30 hours</td> </tr> </tbody> </table> <p>Times are approximate and will be affected by changing ambient conditions particularly temperature and relative humidity</p>			Substrate temperature	Minimum	Maximum	+10 °C	24 hours	3 days	+20 °C	12 hours	2 days	+30 °C	8 hours	1 day	Title 1Substrate temperature	Minimum	Maximum	+10 °C	30 hours	48 hours	+20 °C	24 hours	24 hours	+30 °C	16 hours	30 hours
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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

- Sika Method Statement: Sikafloor®-Cleaning Regime
- Sika Method Statement: Mixing & Applications of Flooring Systems
- Sika Method Statement: Evaluation and Preparation of Surfaces for Flooring Systems
- Individual Product Data Sheets within the flooring system

IMPORTANT CONSIDERATIONS

- Do not apply Sikafloor® MultiDur EB-14 on substrates with rising moisture.
- After application, the products must be protected from damp, condensation and water for at least 24 hours.
- The incorrect assessment and treatment of cracks may lead to a reduced service life and reflective cracking.
- For exact colour matching, ensure the Sikafloor®-264 in each area is applied from the same control batch numbers.

- Under certain conditions, underfloor heating or high ambient temperatures combined with high point loading, may lead to indentations in the resin.
- If temporary heating is required do not use gas, oil, paraffin or other fossil fuel heaters, these produce large quantities of both CO₂ and H₂O water vapour, which may adversely affect the finish. For heating use only electric powered warm air blower systems.

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.

MAINTENANCE

CLEANING

Refer to Sika Method Statement: Sikafloor®-Cleaning Regime

SYSTEM DATA SHEET

Sikafloor® MultiDur EB-14
October 2022, Version 03.01
02081190000000055

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

Any information or suggestions for use concerning Sika's products, which we either in writing or orally have given buyers or end-users of the product, have been given in good faith based on our own experiences and based on approved praxis and the technological and scientific knowledge on the time of giving such suggestions and information, which are given without any type of guarantees, and which do not lead to any further responsibility from Sika Danmark A/S, besides what is stated in the sales agreement in question. The buyer or end-user should themselves investigate or otherwise make sure, that our products are suitable for the use in question and further make sure that the products are kept and used correct and in agreement with the published rules and considering the actual conditions in order to avoid damages or less satisfactory results. Any order is accepted and any deliverance is affected according to the general terms of sales and delivery from Sika Danmark A/S, which are considered known and accepted, and which could be handed out when asked for. Our catalogues are not up-dated automatically. The present product data sheet is only for use in Denmark. Values stated in the present product data sheet should be seen as recommended, unless stated otherwise.

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