

SYSTEM DATA SHEET

Sikafloor® MultiDur EB-14 AT

BROADCAST UNICOLOUR EPOXY FLOOR COVERING CONFORMING TO OS 8 GERMAN STANDARD

DESCRIPTION

Sikafloor® MultiDur EB-14 AT is a slip resistant, coloured, rigid flooring system based on epoxy resin conforming OS 8 German Standard.

USES

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

- for concrete and cement screeds with normal up to medium heavy wear e.g. storage and assembly halls, maintenance workshops, garages and loading ramps
- for multi-storey and underground car parks and for wet process areas, e.g. beverage and food industry

CHARACTERISTICS / ADVANTAGES

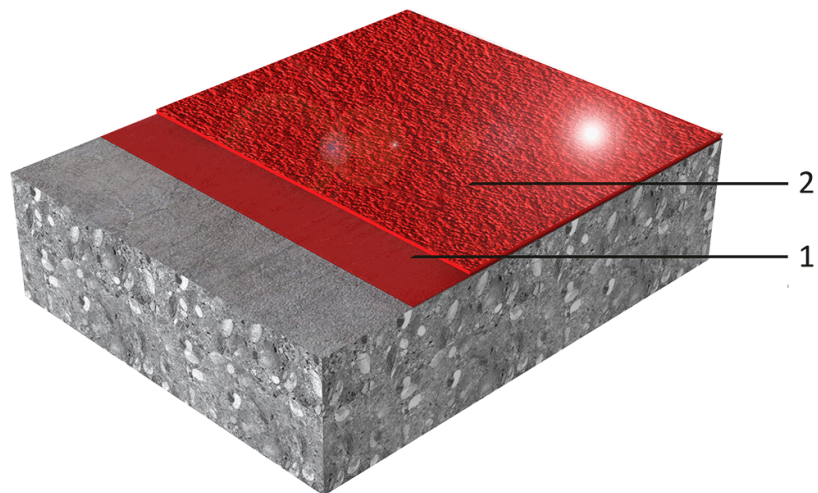
- conforming OS 8 German Standards
- good chemical and mechanical resistance
- easy application
- liquid proof
- gloss finish
- easy cleanability

APPROVALS / STANDARDS

- Certified as surface protection system OS 8 according to DIN EN 1504-2 and DIN V 18026
- Reaction to fire classification according DIN EN 13501-1, test institut Faculteit UNI Gent Class: Bfl

SYSTEM INFORMATION

System Structure



1. Primer
2. Wearing coat + broadcast
3. Sealer

Sikafloor®-161
Sikafloor®-161 broadcast with
quartz sand 0.3 - 0.8 mm
Sikafloor®-378

Chemical base	epoxy
Appearance	slip resistant, gloss finish
Colour	available in various colour shades
Nominal Thickness	> 2.5 mm

TECHNICAL INFORMATION

Chemical Resistance	Please refer to the chemical resistance chart of Sikafloor®-264.	
Thermal Resistance	Exposure*	dry heat
	permanent	+50°C
	short-term, max. 7 d	+80°C
	short-term, max. 12 h	+100°C
	Short-term moist/wet heat* up to +80°C where exposure is only occasional (e.g. during steam cleaning)	
	*No simultaneous chemical and mechanical exposure.	

APPLICATION INFORMATION

Consumption	Sikafloor® MultiDur EB-14 AT System (> 2.5 mm)		
	Coating System	Product	Consumption
	primer	1 * Sikafloor®-161	~ 0,6 kg/m ²
	wearing coat	1 * Sikafloor®-161	~ 0,6 kg/m ²
	broadcast in excess	quartz sand 0.3 - 0.8 mm	~ 4 - 6 kg/m ²
	top coat	1* Sikafloor®-378	~ 0.7 kg/m ²

Product Temperature	Please refer to the individual Product Data Sheet.
Ambient Air Temperature	minimum +10°C / maximum +30°C
Relative Air Humidity	maximum 80 % r.h.
Dew Point	Beware of condensation! The substrate and uncured floor must be at least +3°C above dew point to reduce risk of condensation or bloomin on the floor finish.
Substrate Temperature	minimum +10°C / maximum +30°C
Substrate Moisture Content	When performing application work with Sikafloor® MultiDur EB-14 AT, the substrate moisture content must not exceed 4 % pbw measured by Tramex. Test method: Sika® Tramex meter, CM-measurement or Oven-dry-method. No rising moisture according to ASTM (Polyethylene-sheet).

Waiting Time / Overcoating	Before applying Sikafloor®-378 on Sikafloor®-161		
	Substrate temperature	Minimum	Maximum
	+10°C	24 hours	3 days
	+20°C	12 hours	2 days
	+30°C	8 hours	1 day

Applied Product Ready for Use	Temperature	Foot traffic	Light traffic	Full care
	+10°C	~ 72 hours	~ 6 days	~ 10 days
	+20°C	~ 24 hours	~ 4 days	~ 7 days
	+30°C	~ 18 hours	~ 2 days	~ 5 days

PRODUCT INFORMATION

Packaging	Please refer to the individual Product Data Sheet.
Shelf life	Please refer to the individual Product Data Sheet.
Storage conditions	Please refer to the individual Product Data Sheet.

MAINTENANCE

CLEANING

Please refer to the Method Statement Sikafloor® Cleaning Regime.

LIMITATIONS

- Do not apply Sikafloor® MultiDur EB-14 AT on substrates with rising moisture.
- Freshly applied Sikafloor® MultiDur EB-14 AT 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 of high ambient temperatures combined with high point loading, may lead to imprints in the resin.
- If 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.

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. 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.

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.

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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.

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