

## SYSTEM DATA SHEET

# Sikafloor® Multidur ES-26

Smooth unicolour epoxy floor covering

### DESCRIPTION

Sikafloor® MultiDur ES-26 is a smooth coloured rigid system for flooring applications

### USES

Sikafloor® MultiDur ES-26 may only be used by experienced professionals.

Self-smoothing system for concrete and cement screeds with normal up to medium heavy wear e.g. storage and assembly halls, maintenance workshops, garages, loading ramps etc.

### CHARACTERISTICS / ADVANTAGES

- Good chemical and mechanical resistance
- Good wear and abrasion resistance
- Easy application
- Liquid proof
- Gloss finish
- Easy cleanability
- Colour options

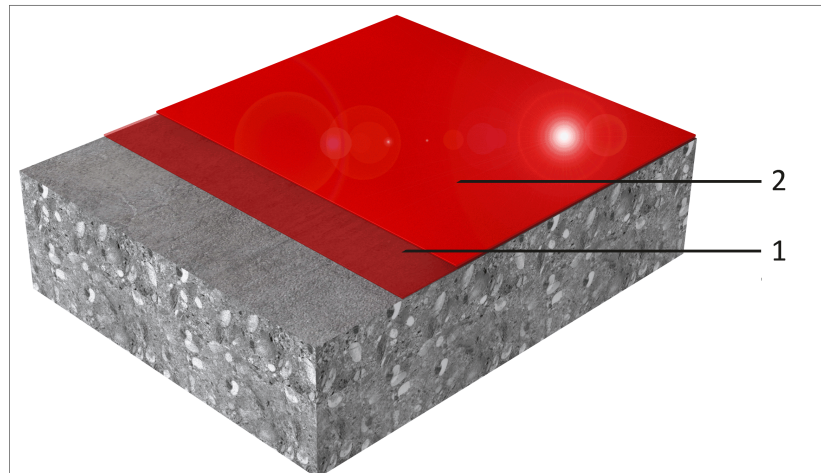
### APPROVALS / CERTIFICATES

- Particle emission certificate Sikafloor-263 SL CSM Statement of Qualification – ISO 14644-1, class 4– Report No. SI 0904-480 and GMP class A, Report No. SI 1008-533.
- Outgassing emission certificate Sikafloor-263 SL CSM Statement of Qualification – ISO 14644-8, class 6,5 - Report No. SI 0904-480.
- Good biological Resistance in accordance with ISO 846, CSM Report No. 1008-533
- Fire classification Bfl-S1 in accordance with EN 13501-1, Report-No. 2013-B-2119/01, MPA Dresden, Germany, June 2013

# SYSTEMS

## System structure

## Sikafloor® MultiDur ES-26



- |                 |                       |
|-----------------|-----------------------|
| 1. Primer       | Sikafloor®-150 / -151 |
| 2. Wearing Coat | Sikafloor®-264        |

<b>Composition</b>	Epoxy
<b>Appearance</b>	Smooth gloss finish
<b>Colour</b>	Almost unlimited choice of colour shades.
<b>Nominal thickness</b>	~1,5–3,0 mm

## TECHNICAL INFORMATION

<b>Shore D Hardness</b>	~76 (7 days / +23 °C)	(DIN 53 505)
<b>Abrasion resistance</b>	~35 mg (CS 10/1000/1000) (7 days / +23 °C)	(DIN 53 109 Taber Abraser Test)
<b>Resistance to impact</b>	~10 Nm (14 days / +23 °C / 50 %)	(ISO 6272)
<b>Compressive strength</b>	~50 N/mm <sup>2</sup> (28 days / +23 °C, Resin filled 1:0,9 with F34)	(EN 196-1)
<b>Tensile strength</b>	~16 N/mm <sup>2</sup> (28 days / +23 °C, Resin filled 1:0,9 with F34)	(EN 196-1)
<b>Tensile adhesion strength</b>	> 1,5 N/mm <sup>2</sup> (failure in concrete)	(ISO 4624)
<b>Reaction to fire</b>	Bfl-S1	(DIN EN 13501-1)
<b>Chemical resistance</b>	Resistant to many chemicals. Contact Sika technical service for specific advice.	

## APPLICATION INFORMATION

<b>Consumption</b>	Sikafloor® MultiDur ES-26 system ( ~ 1,5–3,0 mm)		
	<b>Coating System</b>	<b>Product</b>	<b>Consumption</b>
	Primer	1 × Sikafloor®-150 / -151	~ 0,3–0,5 kg/m <sup>2</sup>
	Wearing coat	1 pbw Sikafloor®-264 filled with up to 1 pbw quartz sand (0,1–0,3 mm) depending on the temperature.	Maximum 1,9 kg/m <sup>2</sup> /mm

<b>Product temperature</b>	Please refer to the individual Product Data Sheet
<b>Ambient air temperature</b>	+10 °C min. / +30 °C max.

<b>Relative air humidity</b>	80 % r.h. max.		
<b>Dew point</b>	Beware of condensation! The substrate and uncured floor must be at least 3 °C above dew point to reduce the risk of condensation or blooming on the floor finish.		
<b>Substrate temperature</b>	+10 °C min. / +30 °C max.		
<b>Substrate moisture content</b>	When performing application work with Sikafloor® MultiDur ES-26, 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).		
<b>Waiting time to overcoating</b>	Before applying Sikafloor®-264 on Sikafloor®-150 / -151 allow:		
	<b>Substrate Temperature</b>	<b>Minimum</b>	<b>Maximum</b>
	+10 °C	24 hours	3 days
	+20 °C	12 hours	2 days
	+30 °C	8 hours	1 day
<b>Applied product ready for use</b>	<b>Temperature</b>	<b>Foot Traffic</b>	<b>Light Traffic</b>
	+10 °C	~72 hours	~6 days
	+20 °C	~24 hours	~4 days
	+30 °C	~18 hours	~2 days

## PRODUCT INFORMATION

<b>Packaging</b>	Please refer to the individual Product Data Sheets
<b>Shelf life</b>	Please refer to the individual Product Data Sheets
<b>Storage conditions</b>	Please refer to the individual Product Data Sheets

## MAINTENANCE

### CLEANING

Refer to the Method Statement Sikafloor®- Cleaning Regime

### FURTHER INFORMATION

- Sika® Method Statement Mixing & Applications of Flooring systems
- Sika® Method Statement Evaluation and Preparation of Surfaces for Flooring systems

### IMPORTANT CONSIDERATIONS

- Do not apply Sikafloor® MultiDur ES-26 on substrates with rising moisture.
- Freshly applied Sikafloor® MultiDur ES-26 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 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 CO<sub>2</sub> and H<sub>2</sub>O 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.

## 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.

## 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

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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### SYSTEM DATA SHEET

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