

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

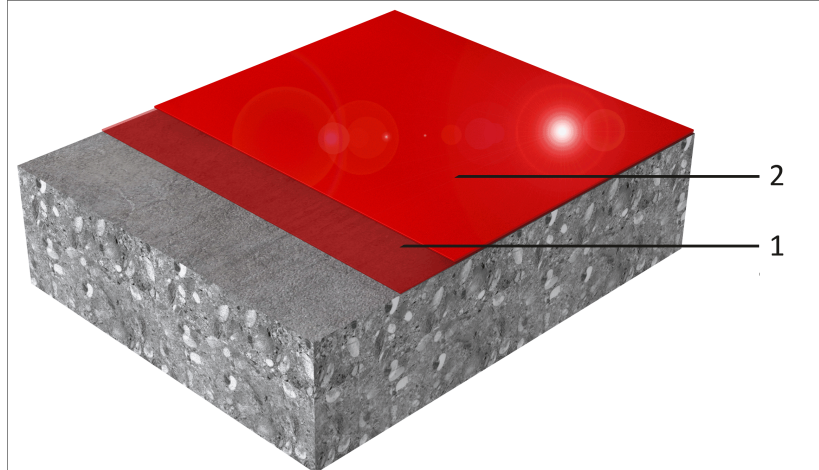
APPROVALS / CERTIFICATES

- 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

SYSTEM INFORMATION

System structure

Sikafloor® MultiDur ES-26



- | | |
|-----------------|--------------------------|
| 1. Primer | Sikafloor®-156/-161/-160 |
| 2. Wearing Coat | Sikafloor®-264 |

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

TECHNICAL INFORMATION

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

APPLICATION INFORMATION

Consumption	Sikafloor® MultiDur ES-26 system (~ 1,5–3,0 mm)		
	Coating System	Product	Consumption
	Primer	1 × Sikafloor®-156/-161/-160	~ 0,3–0,5 kg/m ²
	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 ² /mm

Material temperature	Please refer to the individual Product Data Sheet
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 must be at least 3 °C above 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	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).			
Waiting time to overcoating	Before applying Sikafloor®-264 on Sikafloor®-156/-161/-160 allow:			
	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 Cure
	+10 °C	~72 hours	~6 days	~10 days
	+20 °C	~24 hours	~4 days	~7 days
	+30 °C	~18 hours	~2 days	~5 days

BASIS OF PRODUCT DATA

All technical data stated in this Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

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®-263 SL 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 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

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.

MAINTENANCE

CLEANING

Refer to the Method Statement Sikafloor®- Cleaning Regime

LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for exact product data and uses.

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Sikafloor® MultiDur ES-26
March 2022, Version 01.02
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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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