

SYSTEM DATA SHEET

Sikafloor® DecoDur ES-26 Flake

Smooth, epoxy, low voc emission flooring system with a decorative full-flake broadcast

PRODUCT DESCRIPTION

Sikafloor® DecoDur ES-26 Flake is a smooth, coloured, epoxy flooring system with low VOC emissions. It has a decorative, full-flake broadcast surface flooring system and it is used for indoor applications.

USES

Sikafloor® DecoDur ES-26 Flake installation works to be carried out only by Sika Approved Contractors. Please observe information given by Product Data Sheets.

Sikafloor® DecoDur ES-26 Flake is used in the following commercial and public buildings and areas:

- Schools and universities
- Healthcare facilities and hospitals
- Shopping malls and museums

Please note:

- The System may only be used by experienced professionals.
- The System may only be used for interior applications.

CHARACTERISTICS / ADVANTAGES

- Good resistance to abrasion
- Decorative design
- Good mechanical resistance
- Low Airborne Molecular Contaminants (AMC) emissions
- Low VOC emissions
- Low VOC content
- Seamless and hygienic

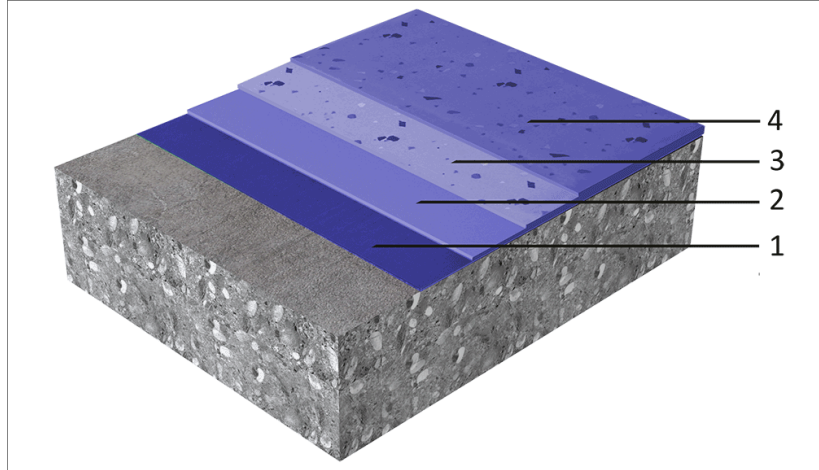
APPROVALS / STANDARDS

- Fire Classification Report EN 13501-1, Ghent, No. CR 22-0344-01

SYSTEM INFORMATION

System Structure

Sikafloor® DecoDur ES-26 Flake



Layer	Product
1. Primer	Sikafloor®-150 Sikafloor®-151 Sikafloor®-156 Sikafloor®-161 Sikafloor®-1590 Contact Sika technical service for information on choosing the right primer for your project.
2. Wearing layer	Sikafloor®-263 SL N Sikafloor®-264 N Filled up to 1:1 with Quartz sand (0.1–0.3 mm), colour approximately matching the colour of the following Sika® PVA Colorflakes.
3. Broadcast	Broadcast in excess with Sika® PVA Colorflakes 3 mm.
4. Seal coat	Sikafloor®-169

Composition	Epoxy
Appearance	Lightly textured finish
Nominal thickness	2 mm to 3 mm

TECHNICAL INFORMATION

Tensile adhesion strength	≥ 1.5 MPa	(EN 1542)
Reaction to Fire	Class C _{fl} -s1	(EN 13501-1)
Chemical Resistance	Laboratory-defined resistance to many individual chemicals. Before proceeding, contact Sika Technical Service for specific information.	
Skid / Slip Resistance	R 9	(DIN 51130)

APPLICATION INFORMATION

Consumption	Layer	Product	Consumption	
	Primer	Sikafloor®-150	1–2 × 0.3–0.5 kg/m ²	
		Sikafloor®-151		
		Sikafloor®-156		
		Sikafloor®-161		
	Wearing layer	Sikafloor®-1590	1 × ~1.9 kg/m ² per mm	
		Sikafloor®-263 SL N Sikafloor®-264 N (filled with up to 1:1 with quartz sand 0.1–0.3 mm)		
	Broadcast	Broadcast in excess with Sika® PVA Color- flakes 3 mm	~1.0 kg/m ²	
	Seal coat	Sikafloor®-169 Sand the surface between coats.	1 × ~0.6–0.7 kg/m ² 1 × ~0.3 kg/m ²	
Ambient Air Temperature	Maximum	+30 °C		
	Minimum	+10 °C		
Relative Air Humidity	Maximum	80 % r.h.		
Dew Point	Refer to the individual Product Data Sheet.			
Substrate Temperature	Maximum	+30 °C		
	Minimum	+10 °C		
Substrate Moisture Content	Refer to the individual Product Data Sheet.			
Waiting Time / Overcoating	When using Sikafloor®-1590 refer to the individual Product Data Sheet for specific information on waiting time to overcoating. Before applying the wearing layer on the primer layer allow:			
	Temperature	Minimum	Maximum	
	+10 °C	17 hours	3 days	
	+20 °C	9 hours	48 hours	
	+30 °C	7 hours	24 hours	
	Before applying Sikafloor®-169 on the wearing layer allow:			
	Temperature	Minimum	Maximum	
	+10 °C	30 hours	4 days	
	+20 °C	24 hours	48 hours	
	+30 °C	16 hours	24 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
	+15 °C	~18 hours	~42 hours	~10 days
	+20 °C	~16 hours	~36 hours	~7 days
	+30 °C	~12 hours	~24 hours	~5 days
	Note: Times are approximate and will be affected by changing ambient conditions, particularly temperature and relative humidity.			

VALUE BASE

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 DOCUMENTS

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

Local safety regulations must be observed and it advisable to wear PPI when working with this product with particular attention paid to cutting and handling.

Transportation Class: The product is not classified as hazardous good for transport. Disposal: The material is recyclable. Disposal must be according to local regulations. Please contact your local Sika sales organisation for more information.

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 the exact product data and uses.

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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