BUILDING TRUST

SYSTEM DATA SHEET

Sikafloor® DecoDur ES-26 Flake

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

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 may only be used by experienced professionals.

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

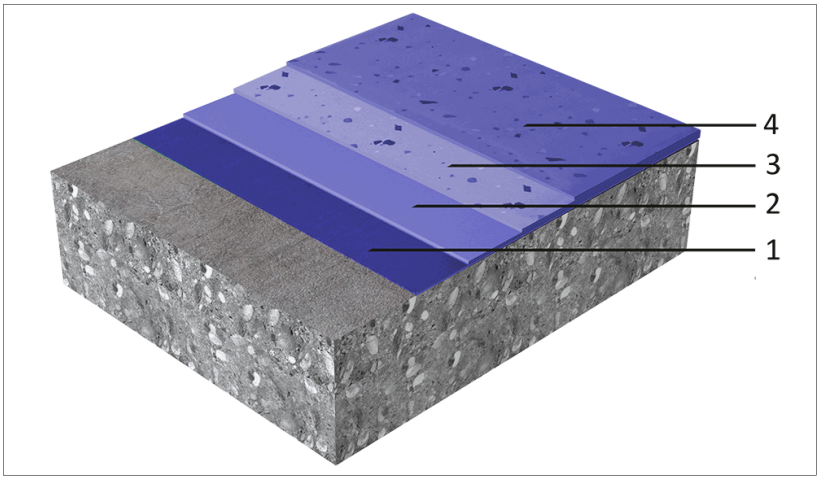
APPROVALS / STANDARDS

- 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®-161 Sikafloor®-1590 Contact Sika technical service for information on choosing the right primer for your project.
2.	Wearing layer	Sikafloor®-264 ZA 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 Sikafloor®-151 Sikafloor®-161 Sikafloor®-1590	1–2 × 0.3–0.5 kg/m²
Wearing layer	Sikafloor®-264 ZA (filled with up to 1:1 with quartz sand 0.1–0.3 mm)	1 × ~1.9 kg/m² per mm
Broadcast	Broadcast in excess with Sika® PVA Color-flakes 3 mm	~1.0 kg/m²
Seal coat	Sikafloor®-169 Sand the surface between coats.	1 × ~0.6–0.7 kg/m² 1 × ~0.3 kg/m²

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.

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 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

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.

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.

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.

Sika South Africa (Pty) Ltd
9 Hocking Place,
Westmead, 3608
South Africa
Phone +27 31 792 6500
www.sika.co.za