

## Sika® -DecoFlake

Decorative flaked, smooth, designed for indoor application

### System Description

Sika® -DecoFloor decorative, flaked smooth flooring system based on Sikafloor® -169 a two part, very low yellowing, low viscous, transparent epoxy resin.  
"Total solid epoxy composition acc. to the test method Deutsche Bauchemie e.V. (German Association for construction chemicals)"



### Application field

- Particularly used in the life science, pharmaceutical industries and health care industry
- Education (e.g. Schools and Universities)
- Leisure & Culture (e.g. Museums, Stadiums)
- Retail (e.g. Shopping Malls)

### Characteristics / Performance

- Decorative
- Low VOC-content
- Very good UV resistance
- Good mechanical and abrasion resistance
- Matt finish possible
- Easy application

### Approval / Standards

Particle emission certificate Sika® -DecoFlake CSM Statement of Qualification Report GMP A- No. SI 1008-533. ( system tested with Sikafloor® -169 as a top coat )

Biological resistance certificate Sika® -DecoFlake CSM Statement of Qualification – ISO 846, very good - Report No. SI 1008-533. ( system tested with Sikafloor® -169 as a top coat )

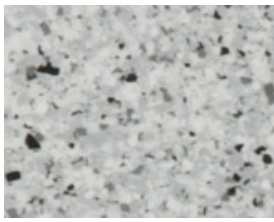
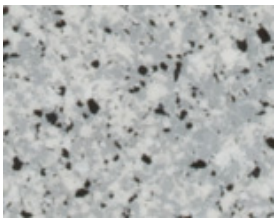

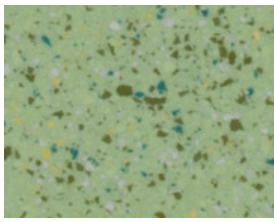
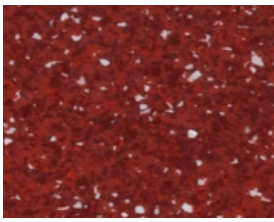
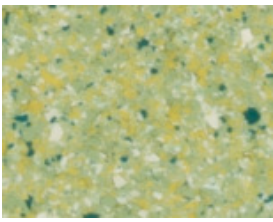
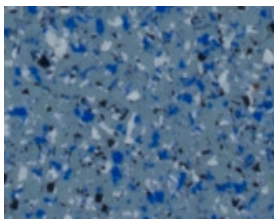
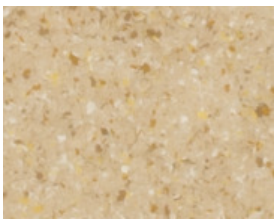
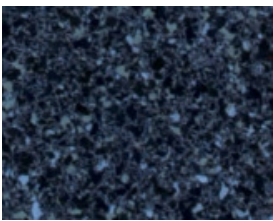



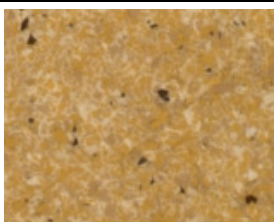

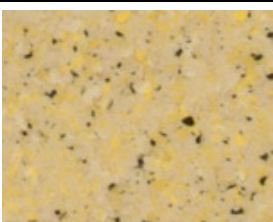
Fire classification of Sika® -DecoFlake in accordance with EN 13501-1, classification report-No. 2011-1379-K1, Exova Brandhaus, Germany, April 2011.

## System Data

### Form

#### Appearance / Colours

Sika® -PVA ColorFlakes colour chart:

		
Iceberg	Hiero	Noblesse
		
Amande	Framboise	Fleur De Tilleul
		
Blue Jean	Nougat	Mer Du Nord
		
Bordeaux	Granit	Pêche
		
Dune	Sanguine	Sable

Other colour mixes available on request.

Under UV-exposure some discolouration (yellowing) will occur, however this has no influence on the function and performance of the coating.

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## Resistance

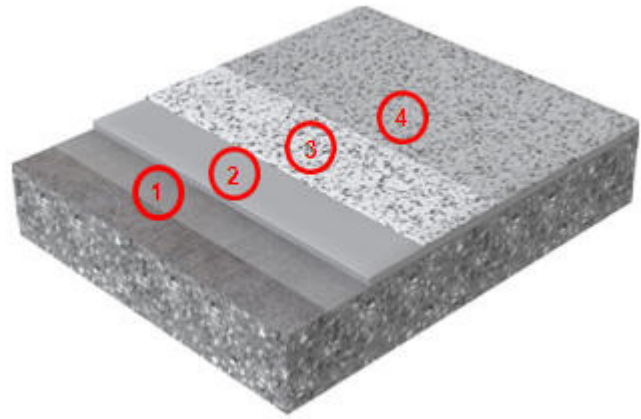
**Chemical Resistance**      Resistant to many chemicals. Please ask for a detailed chemical resistance table.

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## System Information

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### Systems Structure



#### *Sika®-DecoFlake System (~2-3 mm)*

- ① Primer:                      1-2 x Sikafloor® -156, 161 or 169
- ② Wearing course:              Sikafloor® -263 SL or 264 pigmented approx. the same like the following Sika PVA ColorFlakes. Filled 1:1 with quartz sand 0,1-0,3 mm
- ③ Broadcast:                      broadcast in excess with Sika-PVA ColorFlakes 3mm
- ④ Top coat:                      First top coat with 1 x Sikafloor® -169.  
Soft grinding the next day and a second top coat with 1 x Sikafloor® -169

In addition a gloss coat with Sikafloor® -316 or a matt coat with Sikafloor® -304 W are possible (Please refer to the PDS of these products)

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**Application**

The relevant informations about application and maintenance of a Sika® - DecoFlake System are available in the Product Data Sheets of the used Sikafloor products and in the Method Statement of the Sika® -DecoFlake System.

The Method Statement contains the fully detailed system description as well as all the instructions for the different application steps such as surface preparation, substrate and environmental (temperature, relative humidity) control, mixing and application of the system.

**Consumption / Dosage**

Coating System	Product	Consumption
<i>Sika DecoFlake System (~2-3 mm)</i>		
Primer	1-2 x Sikafloor® -156, 161 or 169	1-2 x ~0.3- 0.5 kg/m <sup>2</sup>
Wearing course	Sikafloor® -263 SL or 264 pigmented approx. the same like the following flake mix , filled 1:1 with quartz sand 0,1-0,3 mm	~1.9 kg/m <sup>2</sup> per mm
Broadcast	Broadcast in excess with Sika-PVA ColorFlakes 3mm	~1.0 kg/m <sup>2</sup>
First top coat	1 x Sikafloor® -169	~0.8 –1.0 kg/m <sup>2</sup>
Second top coat	1 x Sikafloor® -169 after sanding of the sealed surface	~0.3 kg/m <sup>2</sup>
Top finish (optional)	Sikafloor® - 316 +2% Antiskid Agent (gloss finish)*	~0.1-0,12 kg/m <sup>2</sup>
	Sikafloor® - 304 W (Matt finish)*	~0.15 kg/m <sup>2</sup>
* Before applying Sikafloor® -304 W or Sikafloor® -316 please refer to the individual product data sheets		

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**Value Base** 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.

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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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