

Sika®-DecoFloor

Highly decorative smooth, granit effect, designed for indoor application

System Description

Sika®-DecoFloor highly decorative self smoothing flooring system based on Sikafloor®-169 a two part, very low yellowing, low viscous, transparent epoxy resin and Sika®-DecoFiller a synthetic filler.

"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

- Highly decorative
- Low VOC-content
- Very good UV resistance
- Matt or glossy orange peel finish possible
- Good mechanical and abrasion resistance
- Easy application

Approval / Standards

Particle emission certificate Sika®-DecoFloor CSM Statement of Qualification Report GMP A- No. SI 1008-533. (system tested with Sikafloor®-304 W as a top coat)

Biological resistance certificate Sika®-DecoFloor CSM Statement of Qualification – ISO 846, very good - Report No. SI 1008-533. (system tested with Sikafloor®-304 W as a top coat)

Eurofins Emission testing of Sika®-DecoFloor tested according to the AgBB-



scheme. (AgBB – Committee for Health-related Evaluation of Building Products). Sampling, testing and evaluation were performed according to ISO-16000, Report No.G05308C. (system tested with Sikafloor® 304 W as a top coat)




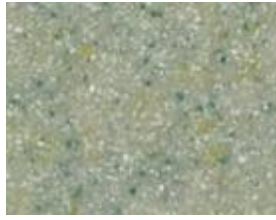


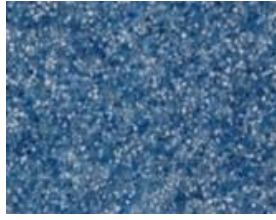

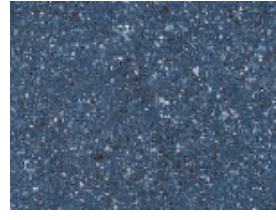
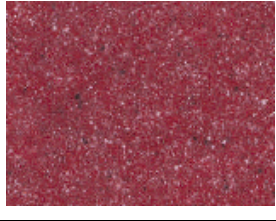





Fire classification of Sika® -DecoFloor in accordance with EN 13501-1, classification report-No. 2010-1877-K1, Exova Brandhaus, Germany, February 2010.

System Data

Form

Appearance / Colours

Sika-DecoFiller colour chart:

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

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

Mechanical / Physical Properties

Compressive Strength *Sika DecoFloor:*
~ 75 N/mm² (7 days / +23°) (EN-196-1)

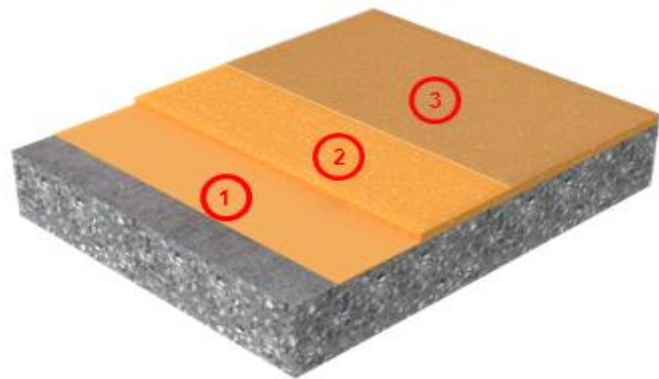
Flexural Strength *Sika DecoFloor:*
~ 33 N/mm² (7 days / +23°) (EN-196-1)

Resistance

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

System Information

Systems Structure



Sika[®]-DecoFloor (~ 2 mm)

- ① Primer: 1-2 x Sikafloor[®] -264
- ② Wearing course: 1 x Sikafloor[®] -169 + 1,5 x Sika-DecoFiller
- ③ Top coat: 1 x Sikafloor[®] -316 (gloss finish) or 1 x Sikafloor[®] -304 W (mat finish) or 1 x Sikafloor[®] -169 with Extender T (glossy orange peel finish)

Application

The relevant information about application and maintenance of a Sika®-DecoFloor System are available in the Product Data Sheets of the used Sikafloor products and in the Method Statement of the Sika®-DecoFloor 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®-DecoFloor</i>		
Primer	1-2 x Sikafloor® -264	1-2 x ~0.3- 0.5 kg/m ²
Wearing course	1 pbw Sikafloor® -169 + 1.5 pbw Sikafloor® -DecoFiller	~ 3,5-4,5 kg/m ²
Top coat	Sikafloor® - 316 +2% Antiskid Agent (gloss finish)*	~0.07-0,08 kg/m ²
	Sikafloor® - 304 W (Matt finish)*	~0.15 kg/m ²
	Sikafloor® - 169 (Glossy orange peel finish)	~0.15 kg/m ²
* Before applying Sikafloor® -304 W or Sikafloor® -316 please refer to the individual product data sheets		

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.

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.



FM 12504



EMS 45308



OHS 585274

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