



Sikafloor® Aesthetic Solutions

Selection Guide



Sikafloor® Solutions for Industrial and Commercial Areas with High Aesthetic Requirements

Selection Guide

Highly Decorative Flooring Solutions for the Highest Aesthetic Demands

The decorative flooring solutions from Sika allow the creation of an almost unlimited combination of functional and aesthetic requirements. The results of this flexibility in design are rooms so unique and distinctive that people really like and appreciate living and working there.

This guide outlines some of the different products and systems to realise your inspirations.

The system approach from Sika leaves nothing to desire, neither in the technical, practical nor aesthetic regards.

Sika stands for innovation and quality in high quality flooring solutions – produced to enable your individual designs with exceptional ease of application.



Project Related Requirements and the Functions of Flooring Systems

Low particle emissions in accordance with the international cleanliness class ISO 14644-part 1.

Low VOC / AMC (Volatile Organic Compounds / Airborne Molecular Contaminants) emissions in accordance with the international clean-ness class ISO 14644-part 8.

Mechanical resistance is defined by type (transport load, type of tyres, contact area) and frequency of exposure.

Chemical resistance according to the Sikafloor® Chemical Resistance Chart.

Suitable as a flooring system for the food industry. Please refer to the individual proof statement.

Slip resistance is always a question of surface design. The specific environment defines the limits. Various finishes can be achieved. Please refer to the individual test certificate.

Impact resistance is related to the specific conditions of each operation. Allowance should be made for high point loads.

Permeability to liquids. Provides an impermeable seal protecting the concrete and the ground water from leakage of water and environmental pollutants.

Fire-resistant. Please refer to the individual test report.

Available in a range of colours

Total solids or solvent free systems with neutral odour and low VOC emissions should always be considered where appropriate, such as indoor / internal or closed area applications.

Sika®-DecoFloor

Highly decorative, smooth, granit effect, low VOC



System build-up:
Primer:
Sikafloor®-264

Base coat:
Sikafloor®-169 filled with
Sikafloor®-DecoFiller

Top coat (optional):
Sikafloor®-304 W

Profile:
Smooth

Total system thickness: 2-3mm



Sika®-DecoFlake

Decorative flake, smooth, low VOC



System build-up:
Primer:
Sikafloor®-156 /-161 /-169

Base coat:
Sikafloor®-263 SL broadcast in excess with
Sika® PVA ColorFlakes

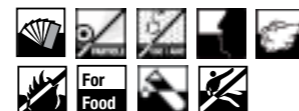
First sealer coat:
Sikafloor®-169

Second sealer coat:
Sikafloor®-169

Top coat (optional):
Sikafloor®-304 W

Profile:
Smooth or non-slip

Total system thickness: 2-3mm



Sika®-DecoQuartz

Decorative quartz, slip resistant, low VOC



System build-up:
Primer:
Sikafloor®-156 /-161 /-169

Base coat:
Sikafloor®-253 SL broadcast in excess with
Sika® PU Colored Quartz

First sealer coat:
Sikafloor®-169

Second sealer coat:
Sikafloor®-169

Profile:
Smooth or non-slip

Total system thickness: 2-3mm



Sika®-CompactFloor

Coloured quartz screed, power float finished, smooth to slight slip resistant, low VOC, highly mechanically resistant



System build-up:
Primer:
Sikafloor®-156 /-161 /-169 broadcast with **Sika® PU Colored Quartz CF** (0.3-1.2 mm)

Base coat:
Sikafloor®-169 filled with **Sikafloor®-CompactFiller** and broadcast in excess with **Sika® PU Colored Quartz CF**

Sealer coat:
Sikafloor®-169

Top coat:
Sikafloor®-304 W

Profile:
Smooth

Total system thickness: -3mm



Performance Related Advantages

- All of the **Sikafloor®** Decorative systems are based on the same low emission, UV resistant, high performance epoxy resin that is tested according to the stringent minimum outgassing procedures of the German AgBB scheme.
- Additionally the transparent matt sealer coating is based on a low emission, UV resistant and light fast, high performance aliphatic polyurethane resin dispersion that is also tested according to the German AgBB scheme.

Application Related Advantages

- A complete range of different surface finishes, textures and profiles are easily produced by the use of different fillers such as **Sikafloor®-DecoFiller** and the broadcast aggregates, **Sika® PU Coloured Quartz** and **Sika® PVA ColorFlakes**.
- Sika have systems for both smooth and non-slip applications.

Typical Areas of Use

Sika®-DecoFloor

- Life science (e.g. pharmaceutical industries)
- Education (e.g. schools and universities)
- Leisure & culture (e.g. museums, stadiums)
- Retail (e.g. shopping malls)

Sika®-DecoFlake

- Health care (e.g. pharmaceutical industries)
- Education (e.g. schools and universities)
- Leisure & culture (e.g. museums, stadiums)

Sika®-DecoQuartz

- Retail (e.g. shopping malls)
- Industrial (e.g. manufacturing)
- Transportation (e.g. airports)

Sika®-CompactFloor

- Retail (e.g. shopping malls)
- Industrial (e.g. manufacturing)
- Transportation (e.g. airports)

Sika Worldwide



Sika - Your Local Partner with a Global Presence

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 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 proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users should always refer to the most recent issue of the Product Data Sheet for the product concerned, copies of which will be supplied on request.

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Certificate No. EMS 45308



Certificate No. FM 12504