



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

Selection Guide



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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.



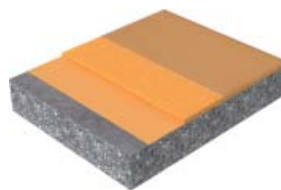
Available in a range of colours



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

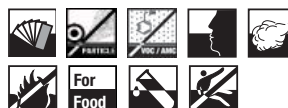
Base coat:

Sikafloor®-169 filled with **Sikafloor®-DecoFiller**

Top coat:

Sikafloor®-304 W

Total system thickness: 2-3mm



Sika®-DecoFlake

Decorative flake, smooth, low VOC



System build-up:

Primer:

Sikafloor®-156 /-161 /-169

Base coat:

Sikafloor®-169 broadcast in excess with **Sika® PVA ColorFlakes**

First sealer coat:

Sikafloor®-169

Second sealer coat:

Sikafloor®-169

Top coat:

Sikafloor®-304 W

Total system thickness: 2-3mm



with High Aesthetic Requirements



Sika®-DecoQuartz

Decorative quartz, slip resistant, low VOC



System build-up:

Primer:

Sikafloor®-156 /-161 /-169

Base coat:

Sikafloor®-169 broadcast in excess with
Sika® PU Colored Quartz

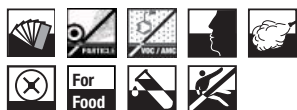
First sealer coat:

Sikafloor®-169

Second sealer coat:

Sikafloor®-169

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

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

- With **Sikafloor®-169**, this low VOC emission and UV resistant epoxy system is the only binder that is needed to produce all of these different decorative flooring solutions.
- 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 Colored Quartz**.

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

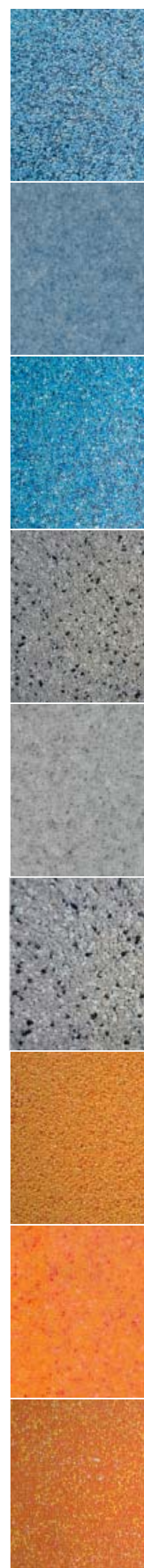
- Health care
(e.g. pharmaceutical industries)
- Education (e.g. schools and universities)
- Leisure & culture
(e.g. museums, stadiums)

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®-DecoFloor, Sika®-DecoFlake Sika®-DecoQuartz, Sika®-CompactFloor

Product	Packaging
Sikafloor®-156 2-part, total solid, epoxy resin based	30 kg units
Sikafloor®-161 2-part, total solid, epoxy resin based	30 kg units
Sikafloor®-169 2-part, certified as low emission, clear, transparent, uv resistant, epoxy resin based	10 kg units
Sikafloor®-264 2-part, total solid, epoxy resin based	30 kg units
Sikafloor®-304 2-part, certified as low emission, uv resistant, polyurethane resin based and water dispersed	7.5 kg units
Sikafloor®-CompactFiller Natural fine filler, optimised for the use as part of the Sika®-CompactFloor System in combination with Sikafloor®-169 . Available in different colours.	20 kg units
Sikafloor®-DecoFiller Certified as low emission, synthetic fine filler, optimised for highly decorative flooring systems in combination with Sikafloor®-169 . Available in different colours.	15 kg units
Sika®-PU Quartz CF (0.3-1.2mm) Polyurethane resin coated colored quartz sand that is optimised for the Sika®-CompactFloor System. Available in different colours.	25 kg units
Sika®-PU Quartz (0.3-0.8mm and 0.7-1.2mm) Polyurethane resin coated color edquartz sand that is optimised for the Sika®-CompactFloor System. Available in different colours	25 kg units
Sika®-PVA ColourFlakes PVA based colored flake mixes for inclusion and broadcast design applications	5 kg units

Also Available from Sika



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Our most current General Sales
Conditions shall apply.
Please consult the Product Data Sheet
prior to any use and processing.

