

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

## Selection Guide



Innovation & Consistency | since 1910

# Sikafloor® Solutions for Industrial and Commercial Areas

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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-liness 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.



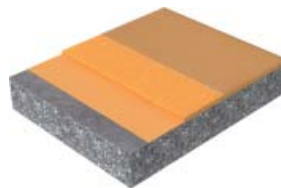
Available in a range of colours



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

