



Sika[®]-ComfortFloor

Sika Flooring Solutions for Commercial and Public Building Areas

Selection Guide



Sika Flooring Solutions for Commercial and Public Buildings Selection Guide

Sika®-ComfortFloor Range

Is suitable for:

- All commercial and public buildings, such as schools, museums, retail, leisure and healthcare facilities, where individual design needs to be combined with comfort and care
- All commercial and public building areas, where personnel stand for long periods of time or where a reduction of footfall noise and horizontal noise transmission is required
- All indoor applications where the lowest VOC emissions are required ("Indoor quality and its impact on man" – AgBB tested)

Performance Related Advantages

- Low VOC emissions (AgBB)
- Noise-absorbent
- Good impact sound insulation
- High comfort
- Good wear resistance
- Good impact resistance
- Crack-bridging
- Decorative

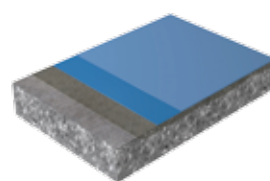
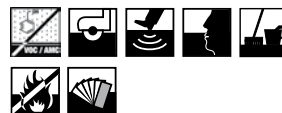
Application Related Advantages

- Easy-to-apply and ready-to-use system solutions
- Flexibility in system build up to serve various requirements and demands, such as comfort, design or cost
- Seamless surface solution



Sika®-ComfortFloor

Smooth Low VOC Coloured Elastic Screed

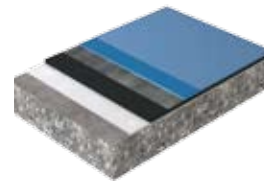


System build up:

Primer:
Sikafloor®-144/-161
Base coat:
Sikafloor®-330
Sealer:
Sikafloor®-305 W
Total system thickness:
ca. 2–3 mm

Sika®-ComfortFloor Pro

Smooth Low VOC Coloured Sound Insulating Screed

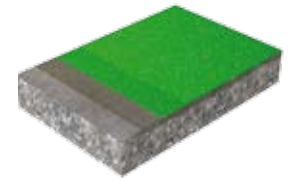


System build up:

Adhesive:
Sikafloor®-Comfort Adhesive
Rubber mat:
Sikafloor®-Comfort Regupol 6015 H
Pore filler:
Sikafloor®-Comfort Porefiller
Base coat:
Sikafloor®-330
Sealer:
Sikafloor®-305 W
Total system thickness:
ca. 6–8 mm

Sika®-ComfortFloor Decorative

Smooth Low VOC Decorative Elastic Screed










System build up:

Primer:
Sikafloor®-144/-161
Base coat:
Sikafloor®-300 N
Broadcast:
Coloured flakes (optional)
Sealer:
Sikafloor®-304 W
Total system thickness:
ca. 2–3 mm

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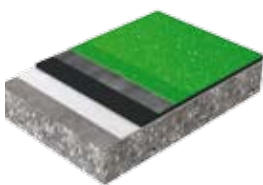


Project Related Requirements and the Function of the Flooring System

-  Low VOC/AMC (Volatile Organic Compounds/Airborne Molecular Contaminants) emissions in accordance with the international cleanliness class ISO 14644-part 8.
-  Proven resistance against the chairs castors
-  Good impact sound insulation
High comfort
-  Neutral odour and VOC-free (water-based system)
-  Easy cleaning and maintenance
-  Fire-resistant. Please refer to the individual test report.
-  Available in a range of colours

Sika®-ComfortFloor Decorative Pro

Smooth Low VOC Decorative
Sound Insulating Elastic Screed



System build up:

Adhesive:

**Sikafloor®-Comfort
Adhesive**

Rubber mat:

**Sikafloor®-Decorative
Regopol 4580**

Pore filler:

**Sikafloor®-Comfort
Porefiller**

Base coat:

Sikafloor®-300 N

Broadcast:

Coloured flakes (optional)

Sealer:

Sikafloor®-304 W

Total system thickness: **ca. 6–8 mm**

Performance		Sika®-ComfortFloor – Systems			
		Sika®-ComfortFloor	Sika®-ComfortFloor Pro	Sika®-ComfortFloor Decorative	Sika®-ComfortFloor Decorative Pro
Type of use	Privat buildings	X	X	X	X
	Public buildings	X	X	X	X
	Industrial buildings	(X)		(X)	
System thickness		ca. 2–3 mm	ca. 6–8 mm	ca. 2–3 mm	ca. 6–8 mm
Colours		Almost unlimited choice of colour shades			
Cleanability		Sikafloor®- Cleaning Regime	Sikafloor®- Cleaning Regime	Sikafloor®- Cleaning Regime	Sikafloor®- Cleaning Regime
Fire classification in accordance with EN 13501-1		B _{fl} s1	B _{fl} s1	C _{fl} s1	C _{fl} s1
Slip resistance DIN 51130		R 10	R 10	R 10	R 10
Impact sound reduction		good	good	good	good
VOC of the base coat and the top coat in accordance with EN 13419 and ISO 16000-6 after 28 days (in accordance to AgBB)		passed	passed	passed	passed
Abrasion resistance		good	good	good	good
Chemical resistance		Sikafloor® Chemical Resistance Chart	Sikafloor® Chemical Resistance Chart	Sikafloor® Chemical Resistance Chart	Sikafloor® Chemical Resistance Chart
Resistance to stubbed cigarettes in accordance with EN 1399		very good	very good	very good	very good
Determination of residual indentation after static loading EN 433		very good	good	very good	good
Resistance to chair castors in accordance with EN 425		good	good	good	good
Impact resistance ISO 6272-1		good	very good	good	very good
Colour stability (in indoor use)		yes	yes	yes	yes
Shore hardness (Shore A)		67	62	87	81
Physiological harmlessness (DIN EN 71 part 3)		passed	passed	passed	passed
Compatible with underfloor heating systems (*)		yes	yes	yes	yes

(*) according to manufacturer's specification of heating systems

Sika®-ComfortFloor

Product	Packaging
Sikafloor®-161 2-part, total solid, epoxy primer and binder	25 kg units / 200 kg drums
Sikafloor®-330 2-part, total solid, low VOC, self-smoothing polyurethane resin	20 kg units
Sikafloor®-300 N 2-part, total solid, low VOC, self-smoothing polyurethane resin	20 kg units
Sikafloor®-304 W 2-part, water-based, low VOC, clear polyurethane seal coat	7,5 kg units
Sikafloor®-305 W 2-part, water-based, low VOC, coloured polyurethane seal coat	10 kg units
Sikafloor®-Comfort Adhesive 2-part, total solid, polyurethane adhesive for rubber mats	20 kg units
Sikafloor®-Comfort Regupol 6015 H Rubber mat for Sika®-ComfortFloor Pro	187 kg / roll (1.5 x 45 m)
Sikafloor®-Decorative Regupol 4580 Rubber mat for Sika®-ComfortFloor Decorative Pro	80 kg / roll (1.0 x 40 m)
Sikafloor®-Comfort Porefiller 2-part, total solid, polyurethane pore filler for rubber mats	20 kg units

Sikafloor®-ComfortFloor – Colour Range

Sikafloor®-330 is available in 10 standard colours.

Sikafloor®-300 N and **Sikafloor®-305 W** are available in almost unlimited choice of colour shades.

