

PROVISIONAL SYSTEM DATA SHEET

Sikafloor® DecoCem CS-44

Decorative coloured hybrid cementitious flooring system

DESCRIPTION

Sikafloor® DecoCem CS-44 is a pigmented, hybrid, cementitious flooring system. Applied seamlessly with a matt finish, it provides a decorative medium-wear floor for internal applications. Containing recycled material and fulfilling low-VOC-emission standards, it contributes to sustainable buildings schemes.

USES

The System is used in commercial and residential buildings such as:

- Residential areas and homes
- Shops and boutiques
- Healthcare facilities and hospitals

SYSTEM INFORMATION

System structure	Layer	Product
	Primer	Sikafloor®-151 or Sikafloor®-161 fully broadcast with quartz sand
	Wearing layer	Sikafloor®-4400 DecoCem
	Seal coat	Sikafloor®-419 W

Use Sikafloor®-151 or Sikafloor®-161, without broadcasting, overcoated with Sikafloor®-02 Primer as an alternative priming method.

Use Sikafloor®-169 overcoated with Sikafloor®-304 W as an alternative sealing method.

TECHNICAL INFORMATION

Resistance to moving furniture	Type of feet	Deviations	(EN ISO 16581)
	Type 3, mass 70 kg	None	
Castor chair resistance	Castor type W, 25 000 cycles	No damage	(ISO 4918)

Please note:

- The System may only be used by experienced professionals.
- The System may only be used for interior applications.

CHARACTERISTICS / ADVANTAGES

- Exposed natural concrete finish
- Contains pre-consumer recycled material
- Ultra-low VOC emissions
- Seamless surface requires minimal cleaning and maintenance

Resistance to impact	Drop height 650mm	Class 21-23	(EN 13329)
Skid / slip resistance	Surface condition	Potential for slip	(EN 13036-4)
	Dry	Extremely low	
	Wet	High	

APPLICATION INFORMATION

Consumption	Layer	Product	Consumption
	Primer	Sikafloor®-151 or Sikafloor®-161	0.35–0.55 kg/m ²
	Broadcast	Fully broadcast Quartz sand (0.3–0.8 mm)	2.0 kg/m ²
	Wearing layer	Sikafloor®-4400 DecoCem	1.6 kg/m ² per mm of thickness
	First seal coat	Sikafloor®-419 W + 10 % water	0.1–0.12 kg/m ²
	Second seal coat	Sikafloor®-419 W	2 × 0.08–0.1 kg/m ² per coat

i Note

Consumption data is theoretical and does not allow for any additional material due to surface porosity, surface profile, variations in level, wastage or any other variations. Apply product to a test area to calculate the exact consumption for the specific substrate conditions and proposed application equipment.

Applied product ready for use	Temperature	Foot traffic	Full cure
	+10 °C	30 hours	7 days
	+20 °C	16 hours	5 days

i Note

Times are approximate and will be affected by changing ambient conditions, particularly temperature and relative humidity.

BASIS OF PRODUCT DATA

All technical data in this document are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

ECOLOGY, HEALTH AND SAFETY

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for the exact product data and uses.

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,

SYSTEM DATA SHEET (SYSDS)

Sikafloor® DecoCem CS-44
13/06/2023 File version 2.0
02081590000000013

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.

Sika Services AG
Tüffenwies 16
8048 Zürich
Switzerland

SYSTEM DATA SHEET (SYSDS)
Sikafloor® DecoCem CS-44
13/06/2023 File version 2.0
020815900000000013

Sikafloor® DecoCem CS-44-en-2023-06