

SYSTEM DATA SHEET

Sikafloor® Xolutec® XB-20

Low odour, fast curing, coloured, slip resistant flooring system based on Xolutec technology

DESCRIPTION

Sikafloor® Xolutec® XB-20 is a low odour and low VOC emission, fast curing, slip resistant, coloured, rigid flooring system based on Xolutec technology. It provides a hard wearing, low maintenance gloss finish.

USES

Sikafloor® Xolutec® XB-20 may only be used by experienced professionals.

Sikafloor® Xolutec® XB-20 is used in industrial buildings such as:

- Logistics facilities and warehouses
- Manufacturing facilities and workshops
- Service facilities

Please note:

- The System may only be used for interior applications.

FEATURES

- Fast curing
- Low VOC emissions
- Very good mechanical resistance
- Very good resistance to specific chemicals
- Very good blush resistance
- Low odour

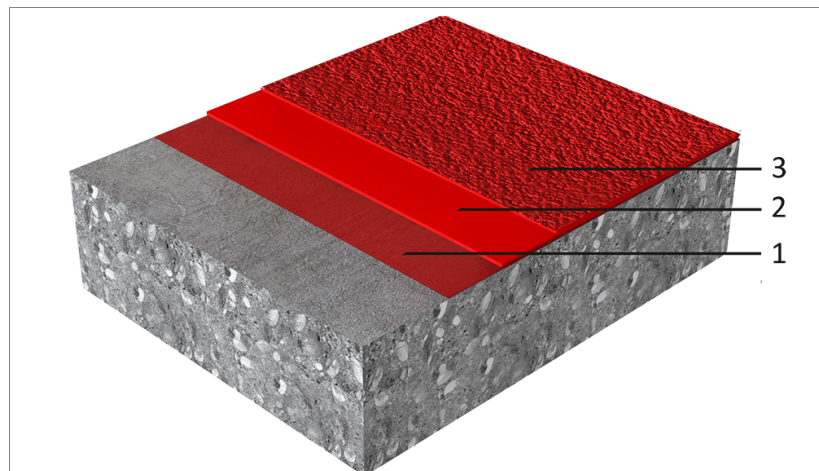
CERTIFICATES AND TEST REPORTS

- Reaction to fire EN 13501-1, Sikafloor® Xolutec® XB-20, GHENT, Test report No. CR 24-0317-01

SYSTEM INFORMATION

System structure

Sikafloor® Xolutec® XB-20



	Layer	Product
1.	Primer	Sikafloor® P 922
2.	Wearing layer	Sikafloor® BC 921 filled with Quartz Sand (0.1–0.3 mm) + broadcast in excess with Quartz sand (0.3–0.8 mm)
3.	Top coat	Sikafloor® BC 921

Composition	Xolutec® technology
Appearance	Slip-resistant, gloss finish
Colour	Light grey, dark grey and ochre.
Nominal thickness	2.0 mm to 3.0 mm

TECHNICAL INFORMATION

Tensile adhesion strength	≥ 1.5 MPa	(EN 1542)
Reaction to fire	Class B _{fl} -s1	(EN 13501-1)
Chemical resistance	Laboratory-defined resistance to many individual chemicals. Before proceeding, contact Sika Technical Service for specific information.	

APPLICATION INFORMATION

Consumption	Layer	Product	Consumption
	Primer	Sikafloor® P 922	1–2 × 0.35–0.55 kg/m ²
	Wearing layer	Sikafloor® BC 921 filled 50 % with Quartz Sand (0.1–0.3 mm) + broadcast in excess with Quartz sand (0.3–0.8 mm)	1 × 3.4 kg/m ² 4–6 kg/m ² (broadcast)
	Top coat	Sikafloor® BC 921	1 × 0.6–0.8 kg/m ²

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 the Product to a test area to calculate the exact consumption for the specific substrate conditions and proposed application equipment.

Layer thickness	Refer to the relevant System Data Sheet	
Ambient air temperature	Maximum	+30 °C
	Minimum	+5 °C
Relative air humidity	Maximum	80 % r.h.
Dew point	Refer to the individual Product Data Sheet.	
Substrate temperature	Maximum	+30 °C
	Minimum	+5 °C
Substrate moisture content	Refer to the individual Product Data Sheet.	

Waiting time to overcoating

Before applying Sikafloor® BC 921 on the primer allow the following:

Temperature	Minimum	Maximum
+10 °C	12 hours	48 hours
+20 °C	8 hours	48 hours
+30 °C	7 hours	48 hours

Before applying Sikafloor® BC 921 on Sikafloor® BC 921 allow the following:

Temperature	Minimum	Maximum
+10 °C	12 hours	48 hours
+20 °C	8 hours	48 hours
+30 °C	7 hours	48 hours

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

Applied product ready for use

Temperature	Light traffic	Full cure
+10 °C	12 hours	5 days
+20 °C	10 hours	3 days
+30 °C	8 hours	2 days

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

BASIS OF PRODUCT DATA

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

FURTHER DOCUMENTATION

Refer to the following method statements:

- Sika Method Statement — Evaluation and preparation of surfaces for flooring systems
- Sika Method Statement — Sikafloor® mixing and application

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 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, 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.