BUILDING TRUST

SYSTEM DATA SHEET

Sikafloor® MultiDur EB-20

Slip-resistant, sand broadcasted, coloured, epoxy floor coating system

PRODUCT DESCRIPTION

Sikafloor® MultiDur EB-20 is a sand broadcasted, coloured, rigid floor coating system based on epoxy resins. It provides a hard-wearing, seamless, low-maintenance gloss finish.

USES

Sikafloor® MultiDur EB-20 may only be used by experienced professionals.

Sikafloor® MultiDur EB-20 is used in industrial buildings such as:
- Car park decks
- Food and beverage facilities
- Logistics facilities and warehouses
- Manufacturing facilities and workshops

Please note:
- The System may only be used for interior applications.

CHARACTERISTICS / ADVANTAGES

- Low odour
- Low VOC emissions
- Good resistance to abrasion
- Good resistance to specific chemicals
- Good mechanical resistance
- Seamless

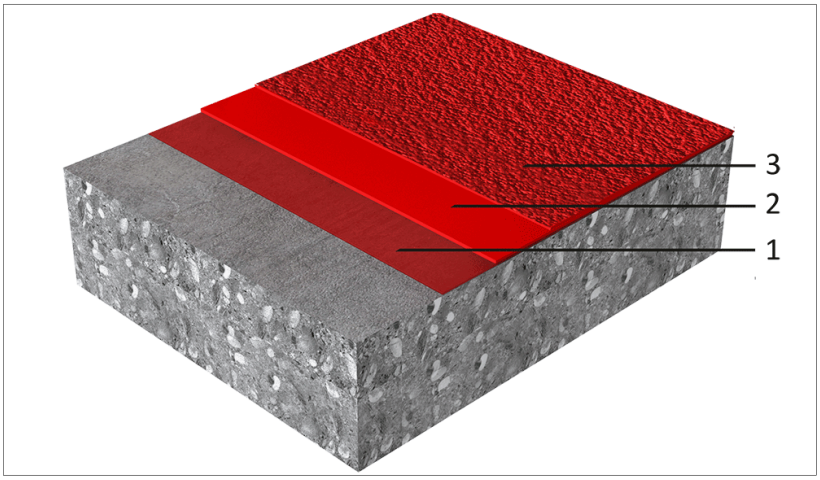
APPROVALS / STANDARDS

- Reaction to fire EN 13501-1, Sikafloor® MultiDur EB-20, Ghent, Test Report No. CR 24-1081-02

SYSTEM INFORMATION

System Structure

Sikafloor® MultiDur EB-20



Layer	Product
1. Primer	Sikafloor®-150, or Sikafloor®-151, or Sikafloor®-1590
2. Wearing layer	Sikafloor®-264 Plus filled up to 1:1 with Quartz sand (0.1–0.3 mm)
3. Sand Broadcast	Broadcast with Quartz sand (0.3–0.8 mm)
4. Top coat	Sikafloor®-264 Plus

Contact Sika Technical Service for information on choosing the right primer for your project.

Composition	Epoxy
Appearance	Slip-resistant, gloss finish
Colour	Available in various colour shades
Nominal thickness	2 mm to 4 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.		
Skid / Slip Resistance	Class	R 12	(DIN 51130)

APPLICATION INFORMATION

Consumption

Layer	Product	Consumption
1. Primer	Sikafloor®-150, or Sikafloor®-151, or Sikafloor®-1590	1–2 × 0.3–0.5 kg/m²
2. Wearing layer	Sikafloor®-264 Plus filled up to 1:1 with Quartz sand (0.1–0.3 mm)	~ 4 kg /m2 (2 kg/m² binder + 2 kg/m² quartz sand)
3. Sand Broadcast	Broadcast with Quartz sand (0.3–0.8 mm)	4–6 kg/m²
4. Top coat	Sikafloor®-264 Plus	1 × 0.6–0.8 kg/m²

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 of the specific substrate conditions and proposed application equipment.

Ambient Air Temperature

Maximum	+30 °C
Minimum	+10 °C

Relative Air Humidity

Maximum	80 % r.h.

Dew Point

Refer to the individual Product Data Sheet.

Substrate Temperature

Maximum	+30 °C
Minimum	+10 °C

Substrate Moisture Content

Refer to the individual Product Data Sheet.

Waiting Time / Overcoating

When using Sikafloor®-1590 refer to the individual Product Data Sheet for specific information on waiting time to overcoating.
Before applying Sikafloor®-264 Plus on the primer layer allow:

Temperature	Minimum	Maximum
+10 °C	17 hours	3 days
+20 °C	9 hours	48 hours
+30 °C	7 hours	24 hours

Before applying Sikafloor®-264 Plus on Sikafloor®-264 Plus allow:

Temperature	Minimum	Maximum
+10 °C	30 hours	48 hours
+20 °C	24 hours	30 hours
+30 °C	16 hours	24 hours

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

Applied Product Ready for Use

Temperature	Foot traffic	Light traffic	Full cure
+10 °C	30 hours	6 days	10 days
+20 °C	24 hours	4 days	7 days
+30 °C	16 hours	2 days	5 days

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

VALUE BASE

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

FURTHER DOCUMENTS

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

Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.

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.

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