BUILDING TRUST

SYSTEM DATA SHEET

Sikafloor® MultiDur EB-16

Low odour, slip-resistant, broadcast, coloured epoxy flooring coating System

PRODUCT DESCRIPTION

Sikafloor® MultiDur EB-16 is a low odour broadcast, coloured, rigid flooring coating system based on epoxy resins. It is designed for trafficable and highly mechanically stressed areas.

USES

Sikafloor® MultiDur EB-16 may only be used by experienced professionals.

The System is used in commercial and public buildings and areas such as:

- Car park decks
- Manufacturing facilities and workshops

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

CHARACTERISTICS / ADVANTAGES

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

APPROVALS / STANDARDS

- Fire Classification Report, EN 13501-1, Ghent University, Report No. CR 20-0752-08.
- Surface Protection System OS-8, Kiwa, Report No. P 13006-E.

SYSTEM INFORMATION

System Structure	**Layers**	**Products**
	Scratch coat and broadcast	Sikafloor®-150 or Sikafloor®-151 + Quartz Sand Braodcasting
	Seal or Top coat	Sikafloor®-267
Composition	Epoxy	
Colour	Cured system colour	Available in various colour shades
Nominal thickness	2 mm to 3 mm	

TECHNICAL INFORMATION

Resistance to wearing	$AR_{0,5}$		(EN 13892-4)
Resistance to Impact	≥ IR4		(EN ISO 6272-1)
Compressive Strength	Cured 7 days at 23 °C	75 N/mm²	(EN 13892-2)
Tensile adhesion strength	≥ 1.5 MPa		(EN 1542)
Reaction to Fire	Class B_{fl}-s1		(EN 13501-1)
Chemical Resistance	Sikafloor®-267 provides the chemical resistance. Refer to Product Data Sheet. Note: The exposed aggregates can be affected through various chemicals. A surface finish of an acrylic dispersion as a protection and maintenance layer is recommended.		
Skid / Slip Resistance	R 12; V 6		(DIN 51130)
	Sliding friction coefficient	0.52	(DIN 51131)

APPLICATION INFORMATION

Consumption

Layers	Products	Consumption
Scratch Coat	Sikafloor®-150 or Sikafloor®-151 filled with 40 % quartz sand 0.1–0.3 mm	1 × ~2.0 kg/m²
Broadcast in Excess	Quartz Sand 0.3-0.8 mm	4-6 kg/m²
Seal or Top Coat	Sikafloor®-267	1 × 0.6–0.7 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 product to a test area to calculate the exact consumption for the specific substrate conditions and proposed application equipment.

Ambient Air Temperature

Maximum	+30 °C
Minimum	+10 °C

Relative Air Humidity

Maximum	80 % r.h. maximum

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

Before applying Sikafloor®-267 on the primer or scratch coat, allow:

Temperature	Minimum	Maximum
+10 °C	~24 hours	~3 days
+20 °C	~12 hours	~48 hours
+30 °C	~8 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	~48 hours	~6 days	~10 days
+20 °C	~24 hours	~4 days	~7 days
+30 °C	~20 hours	~48 hours	~5 days

Note: Times apply when the last layer of the system has been applied. Times are 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

- Sika® Method Statement: Evaluation and Preparation of Surfaces for Flooring Systems.
- Sika® Method Statement: Mixing and Application of Flooring Systems.

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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