

## 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 installation works to be carried out only by Sika Approved Contractors. Please observe information given by Product Data Sheets.

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

- Car park decks
- Manufacturing facilities and workshops

## 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	Layer	Product
	Scratch coat + broadcast	Sikafloor®-150 Sikafloor®-151 Sikafloor®-156 Sikafloor®-161
	Wearing layer	Sikafloor®-267
Composition	Epoxy	
Colour	Cured system colour	Available in various colour shades
Nominal thickness	~2–3 mm	

## TECHNICAL INFORMATION

Resistance to wearing	AR0,5	(BS EN 13892-4)
Resistance to Impact	IR > 4 Nm	(EN ISO 6272-1)
Compressive Strength	75 N/mm <sup>2</sup>	(EN 13892-2)

<b>Tensile adhesion strength</b>	≥ 1.5 Mpa	(EN 1542)	
<b>Reaction to Fire</b>	Class B-s1	(EN 13501-1)	
<b>Chemical Resistance</b>	Sikafloor®-267 provides the chemical resistance. Refer to Product Data Sheet.		
<b>Skid / Slip Resistance</b>	<u>Class</u>	<u>R 12; V 6</u>	(DIN 51130)
	<u>Sliding friction coefficient</u>	<u>0.52</u>	(DIN 51131)
<b>Service Temperature</b>	<p><b>IMPORTANT</b>  <b>Exposure to moist/wet heat</b>  Sikafloor® broadcast systems with a minimum thickness of ~3–4 mm, can resist short-term moist or wet heat of up to +80 °C, if the exposure is only temporary (less than 1 hour). However, during exposure to moist or wet heat, do not also subject the Sikafloor® broadcast system to chemical and/or mechanical strain, as it may cause damage to the system.</p>		

## APPLICATION INFORMATION

<b>Consumption</b>	<b>Layer</b>	<b>Product</b>	<b>Consumption</b>	
	Scratch coat	Sikafloor®-150 or Sikafloor®-151 or Sikafloor®-156 or Sikafloor®-161 filled with 40 % quartz sand 0.1–0.3 mm	1 × ~ 2.0 kg/m <sup>2</sup>	
	Broadcast in excess	Quartz Sand 0.3–0.8 mm	4–6 kg/m <sup>2</sup>	
	Wearing layer	Sikafloor®-267	1 × 0.6–0.7 kg/m <sup>2</sup>	
<p>Note: These figures are theoretical and do 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.</p>				
<b>Ambient Air Temperature</b>	Maximum	+30 °C		
	Minimum	+10 °C		
<b>Relative Air Humidity</b>	Maximum	80 %		
<b>Dew Point</b>	Refer to the individual Product Data Sheet.			
<b>Substrate Temperature</b>	Minimum	+10 °C		
	Maximum	+30°C		
<b>Substrate Moisture Content</b>	Refer to the individual Product Data Sheet.			
<b>Waiting Time / Overcoating</b>	Before applying Sikafloor®-267 on the primer or scratch coat, allow:			
	<b>Temperature</b>	<b>Minimum</b>	<b>Maximum</b>	
	+10 °C	~24 hours	~3 days	
	+20 °C	~12 hours	~48 hours	
+30 °C	~8 hours	~24 hours		
<p>Note: Times are approximate and will be affected by changing ambient conditions, particularly temperature and relative humidity.</p>				
<b>Applied Product Ready for Use</b>	<b>Temperature</b>	<b>Foot traffic</b>	<b>Light traffic</b>	<b>Full cure</b>
	+10 °C	~24 hours	~6 days	~10 days
	+20 °C	~12 hours	~4 days	~7 days
	+30 °C	~8 hours	~48 hours	~5 days
<p>Note: Times apply when the last layer of the system has been applied.</p>				

## VALUE BASE

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 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

Local safety regulations must be observed and it advisable to wear PPI when working with this product with particular attention paid to cutting and handling. Transportation Class: The product is not classified as hazardous good for transport. Disposal: The material is recyclable. Disposal must be according to local regulations. Please contact your local Sika sales organisation for more information.

## 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, 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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