

## SYSTEM DATA SHEET

# Sikafloor® MultiDur EB-16 UV (G)

Broadcasted, UV resistant epoxy floor covering with high mechanical resistance

### DESCRIPTION

Sikafloor® MultiDur EB-16 UV (G) is an economical, slip and UV resistant, coloured, flooring system. Suitable for use in trafficable applications. Suitable for use in hot and tropical climatic conditions.

### USES

Sikafloor® MultiDur EB-16 UV (G) may only be used by experienced professionals.

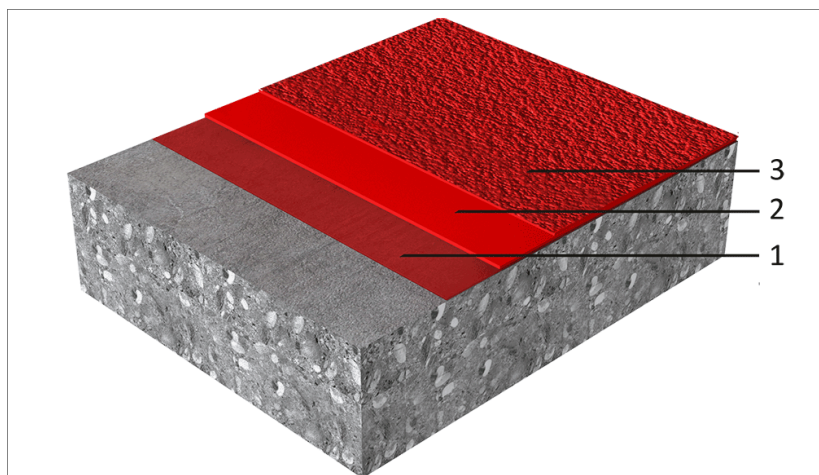
- For concrete and cement screeds with normal up to medium heavy wear e.g. storage and assembly halls, maintenance workshops, garages and loading ramps.
- For multi-story, underground and exposed car parks where a rigid coating with UV resistance is required.

### CHARACTERISTICS / ADVANTAGES

- High wear resistance
- High mechanical resistance
- Good chemical resistance
- Easy application
- Liquid proof
- Gloss finish
- Slip resistant
- UV resistant

### SYSTEM INFORMATION

#### System structure



Sikafloor® MultiDur EB-16 UV (G) system (~1 mm)

1. Primer + broadcast in excess	Sikafloor®-151/-161/-161 G + broadcast with quartz sand in excess
2. Wearing coat	Sikafloor®-264/-264 SG
3. Top coat	Sikafloor®-359 AE/-359 BH

<b>Composition</b>	Epoxy primer, Epoxy body coat and Polyurethane topcoat
<b>Appearance</b>	Slip resistant, matt finish
<b>Colour</b>	Available in various colour shades. Refer to individual Product Data Sheet of top coat.
<b>Nominal thickness</b>	~1.0 mm

## TECHNICAL INFORMATION

<b>Chemical resistance</b>	Refer to the chemical resistance of Sikafloor®-359 AE/-359 BH	
<b>Temperature resistance</b>	<b>Exposure*</b>	<b>Dry heat</b>
	Permanent	+50 °C
	Short-term max. 7 d	+80 °C
	Short-term max. 12 h	+100 °C

Short-term moist/wet heat\* up to +80 °C where exposure is only occasional (i.e. during steam cleaning etc.)  
\*No simultaneous chemical and mechanical exposure.

## APPLICATION INFORMATION

<b>Consumption</b>	Sikafloor® MultiDur EB-16 UV (G) system (~ 1.0 mm)		
	<b>Coating System</b>	<b>Product</b>	<b>Consumption</b>
	Primer	Sikafloor®-151/-161/-161 G	~0.3 – 0.5 kg/m <sup>2</sup>
	Broadcast in excess	quartz sand 0.3 – 0.7 mm (e.g. Sikadur-507)	~1.0 – 1.5 kg/m <sup>2</sup>
	Wearing coat	Sikafloor®-264/-264 SG	~0.25 – 0.35 kg/m <sup>2</sup>
Top coat	Sikafloor®-359 AE/-359 BH	~0.20 – 0.25 kg/m <sup>2</sup>	

These figures are theoretical and do not include any additional material required due to surface porosity, surface profile, variations in level and wastage etc..

<b>Waiting time to overcoating</b>	Before applying Sikafloor®-264/-264 SG on Sikafloor®-151/-161/161 G allow:		
	<b>Substrate temperature</b>	<b>Minimum</b>	<b>Maximum</b>
	+10 °C	24 hours	3 days
	+20 °C	12 hours	2 days
	+30 °C	8 hours	1 day
	Before applying Sikafloor®-359 AE/-359 BH on Sikafloor®-264/-264 SG allow:		
	<b>Substrate temperature</b>	<b>Minimum</b>	<b>Maximum</b>
	+10 °C	30 hours	48 hours
	+20 °C	24 hours	24 hours
	+30 °C	16 hours	30 hours

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

<b>Applied product ready for use</b>	<b>Temperature</b>	<b>Foot traffic</b>	<b>Light traffic</b>	<b>Full cure</b>
	+10 °C	~72 hours	~6 days	~10 days
	+20 °C	~24 hours	~4 days	~7 days
	+30 °C	~18 hours	~2 days	~5 days

## 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 INFORMATION

Please refer to:

General Method Statement: Sikafloor® MultiDur EB-16 UV (G)

Sika® Method Statement: Mixing & Applications of Flooring systems

Sika® Method Statement: Evaluation and Preparation of Surfaces for Flooring systems

## IMPORTANT CONSIDERATIONS

- Do not apply Sikafloor® MultiDur EB-16 UV (G) on substrates with rising moisture.
- Freshly applied Sikafloor® MultiDur EB-16 UV (G) must be protected from damp, condensation and water for at least 24 hours.
- The incorrect assessment and treatment of cracks may lead to a reduced service life and reflective cracking.
- For exact colour matching, ensure Sikafloor®-359 AE/-359 BH is applied from the same batch numbers in each area.
- If heating is required do not use gas, oil, paraffin or other fossil fuel heaters, these produce large quantities of both CO<sub>2</sub> and H<sub>2</sub>O water vapour, which may adversely affect the finish. For heating use only electric powered warm air blower 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.

## MAINTENANCE

To maintain the appearance of the floor after application, Sikafloor® MultiDur EB-16 UV (G) must have all spillages removed immediately and must be regularly cleaned using rotary brush, mechanical scrubbers, scrubber dryer, high pressure washer, wash and vacuum techniques, etc. using suitable detergents and waxes.

## 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.

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ISO 9001, 14001, 45001 –  
Lloyd's Register  
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Sika International Chemicals LLC  
ISO 9001, 14001, 45001 – SGS  
Sika Gulf S.S.C. O.  
ISO 9001, 14001 – SGS  
Sika Saudi Arabia Limited

All products are supplied under  
a management system certified  
to conform to the requirements  
of the quality, environmental  
and occupational health &  
safety standards ISO 9001, ISO  
14001 and ISO 45001.



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