

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, sand broadcast flooring system. Utilising Roller applied epoxy coatings with a Aliphatic PU top coat for UV resistance. Suitable for external use in trafficable applications.

USES

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

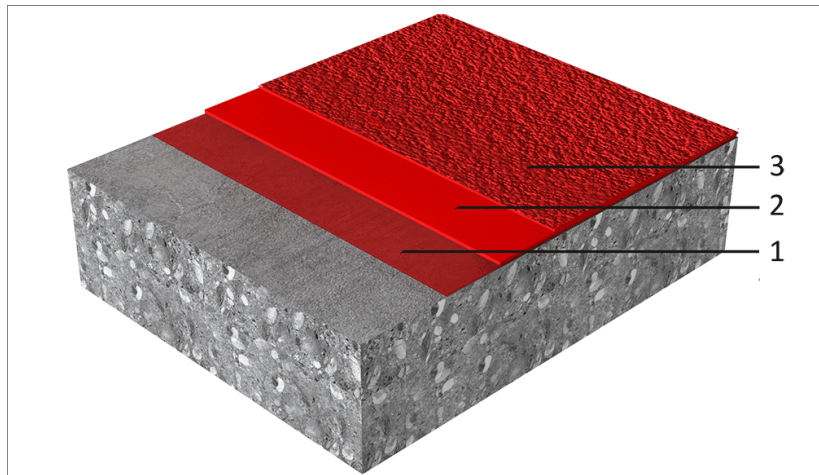
- For concrete and cement screeds with normal up to medium heavy wear e.g. storage and assembly halls, maintenance workshops, garages and loading ramps.
- For multi-story, underground and exposed car parks where a rigid coating with UV resistance is required.
- Stadium concourse and Seating plats

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 (~1.5 mm)

Optional Primer	Sikafloor 160 / 161
1. wearing layer + broadcast in excess	Sikafloor®-161 + broadcast with quartz sand in excess
2. Wearing coat	Sikafloor®-264
3. Top coat	Sikafloor®-359N

Composition	Epoxy and Polyurethane
Appearance	Slip resistant, gloss finish
Colour	Available in various colour shades.
Nominal thickness	~1.5 mm

TECHNICAL INFORMATION

Chemical resistance	Refer to the chemical resistance of Sikafloor®-359N
Resistance to UV exposure	Excellent color retention qualities: Refer to data for Sikafloor 359N
Resistance to weathering	Excellent resistance to weathering, please refer to PDS for Sikafloor 359N
Skid / slip resistance	P5 AS 4586-2013

APPLICATION INFORMATION

Consumption	Sikafloor® MultiDur EB-16 UV (G) system (~ 1.5 mm)		
	Coating System	Product	Consumption
	Optional Primer	Sikafloor 160	~0.3 - 0.5kg/m ²
	Body Coat	Sikafloor®-161	~0.3 – 0.5 kg/m ²
	Broadcast in excess	quartz sand 0.3 – 0.7 mm	~1 – 2 kg/m ²
	Seal Coat	Sikafloor®-264	~0.5 – 0.6 kg/m ²
	Top coat	Sikafloor®-359N	~0.25 – 0.35 kg/m ²

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

Waiting time to overcoating	Before applying Sikafloor®-264 on Sikafloor®-161 allow:		
	Substrate temperature	Minimum	Maximum
	+10 °C	24 hours	3 days
	+20 °C	12 hours	2 days
	+30 °C	8 hours	1 day

Before applying Sikafloor®-359N on Sikafloor®-264 allow:

Substrate temperature	Minimum	Maximum
+10 °C	30 hours	48 hours
+20 °C	16 hours	24 hours
+30 °C	12 hours	30 hours

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	~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 Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

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

FURTHER INFORMATION

Please refer to:

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 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 CO₂ and H₂O water vapour, which may adversely affect the finish. For heating use only electric powered warm air blower systems.

ECOLOGY, HEALTH AND SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety-related data.

MAINTENANCE

CLEANING

Please refer to the Method Statement Sikafloor®-Cleaning Regime.

LOCAL RESTRICTIONS

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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