

SYSTEM DATA SHEET

Sikafloor® MultiDur ES-02 GB

Smooth, easy-to-apply epoxy system for concrete or cement-based screeds.

PRODUCT DESCRIPTION

Smooth, easy-to-apply epoxy system for indoor concrete or cement-based screeds.

USES

Sikafloor® MultiDur ES-02 GB is used in industrial buildings where concrete floors with light traffic need a maintenance coat.

- The System may only be used for interior applications.

Sikafloor® MultiDur ES-02 GB is used in areas such as:

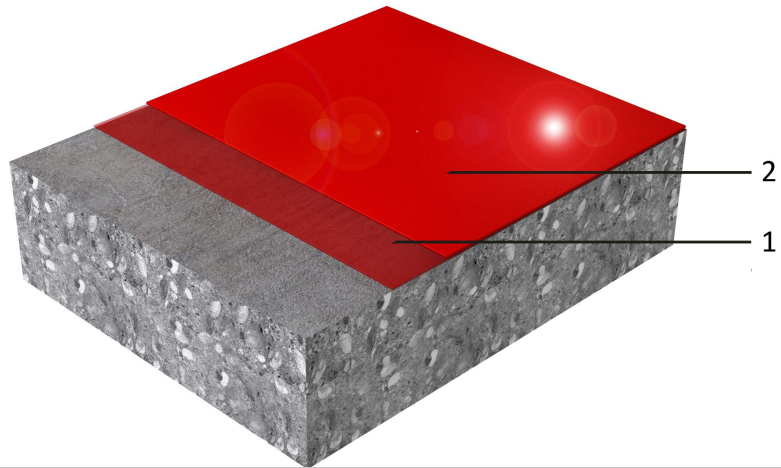
- Industrial warehouses
- Plant rooms
- Garages and workshops

CHARACTERISTICS / ADVANTAGES

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

SYSTEM INFORMATION

System Structure



Layer	Product
Primer	Sikafloor®-264 Plus
Top Coat	Sikafloor®-264 Plus

Compatibility	Sand and cement screeds with low shrinkage and high strength, levelling compounds with low shrinkage and high strength, and concrete floors
Composition	Epoxy
Appearance	Smooth, gloss finish
Colour	Available in various colour shades
Nominal thickness	~0.35 mm to 0.65 mm

TECHNICAL INFORMATION

Tensile adhesion strength	≥ 1.5 MPa	(EN 1542)
Chemical Resistance	Laboratory-defined resistance to many individual chemicals. Before proceeding, contact Sika Technical Service for specific information.	
Skid / Slip Resistance	Test	Value
	Sliding friction coefficient	0.92 Dry
	Class	R 9

APPLICATION INFORMATION

Consumption	Layer	Product	Consumption
	Primer	Sikafloor®-264 Plus	1–2 × 0.25 – 0.5 kg/m²
	Top Coat	Sikafloor®-264 Plus	1–2 × 0.25 – 0.5 kg/m²
Note: Consumption data is theoretical and does not account for any additional material due to surface porosity, surface profile, variations in level, wastage, or other factors. Apply the product to a test area to determine the exact consumption under specific substrate conditions and proposed application equipment.			
Ambient Air Temperature	Maximum	+30 °C	
	Minimum	+10 °C	
Relative Air Humidity	Maximum	80 % r.h.	
Substrate Temperature	Maximum	+30 °C	
	Minimum	+10 °C	
Substrate Moisture Content	For substrates with a high residual moisture content, an appropriate		

primer, such as Sikafloor-150 Plus, Sikafloor-151, or Sikafloor-1590, shall be used to prime the substrate first. Please refer to the product's individual data sheet.

Waiting Time / Overcoating

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

Temperature	Minimum	Maximum
+10 °C	30 hours	72 hours
+20 °C	24 hours	48 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

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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