

SYSTEM DATA SHEET

Sikafloor® MultiDur ES-22

Low odour, epoxy, smooth, coloured flooring System

PRODUCT DESCRIPTION

Sikafloor® MultiDur ES-22 is a low odour, self smoothing, coloured, rigid flooring System, based on epoxy resins. It provides a hard wearing, low maintenance gloss finish.

USES

Sikafloor® MultiDur ES-22 may only be used by experienced professionals.

The System can be 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.

SYSTEM INFORMATION

System Structure	Layers	Products
	Primer + Light 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

Tensile adhesion strength	≥ 1.5 MPa	(EN 1542)
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Chemical Resistance

Sikafloor®-267 provides the chemical resistance. Refer to Product Data Sheet.

APPLICATION INFORMATION

Consumption	Layers	Products	Consumption
	Primer	Sikafloor®-150 or Sikafloor®-151	1 to 2 × ~0.3 kg/m ² to 0.5 kg/m ²
	Light Broadcast	Quartz Sand 0.3 - 0.8 mm	~0.8 kg/m ²
	Wearing Layer	Sikafloor®-267 filled with 70% quartz sand (0.1 - 0.3 mm)	Maximum 1.9 kg/m ² /mm resin + quartz sand

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.

Ambient Air Temperature	Maximum	+30 °C
	Minimum	+10 °C

Relative Air Humidity	Maximum	80 % r.h.
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Dew Point	Refer to the individual Product Data Sheet.	
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Substrate Temperature	Minimum	+10 °C
	Maximum	+30 °C

Substrate Moisture Content	Refer to the individual Product Data Sheet.	
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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	~24 hours	~6 days	~10 days
	+20 °C	~12 hours	~4 days	~7 days
	+30 °C	~8 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.

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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