

SYSTEM DATA SHEET

Sikafloor® MultiDur WS-11

Waterborne epoxy floor coating system with a smooth finish

DESCRIPTION

Sikafloor® MultiDur WS-11 is a water-based epoxy resin, smooth floor coating system. It provides a seamless semi-gloss finish for medium wear conditions. As a water vapour permeable system, it is suitable for applications on substrates with high residual moisture and humidity.

USES

Sikafloor® MultiDur WS-11 may only be used by experienced professionals.

Sikafloor® MultiDur WS-11 is used in industrial buildings such as:

- Storage areas
- Assembly halls
- Manufacturing facilities and workshops
- Logistics facilities and warehouses

CHARACTERISTICS / ADVANTAGES

- Low odour
- Seamless
- Good mechanical resistance
- Good resistance to specific chemicals
- Easy application
- Permeable to water vapour
- Low maintenance

SYSTEM INFORMATION

System Structure	Layer	Product
	1. Primer	Sikafloor®-2530 W + 5 % water by weight
	2. Top coat	Sikafloor®-2530 W
Composition	Water-based epoxy	
Appearance	Smooth, semi-gloss finish	
Colour	Cured system colour	Available in various colour shades
Nominal Thickness	0.2–0.3 mm	

TECHNICAL INFORMATION

Abrasion Resistance	Cured 14 days at +23 °C	62 mg (CS 10 / 1000 g /1000 cycles)	(DIN 53109)
Tensile Adhesion Strength	≥ 1.5 MPa		(EN 1542)

APPLICATION INFORMATION

Ambient Air Temperature	Maximum	+30 °C		
	Minimum	+10 °C		
Relative Air Humidity	Maximum	75 % r.h.		
Dew Point	Refer to the individual Product Data Sheet.			
Substrate Temperature	Maximum	+30 °C		
	Minimum	+10 °C		
Substrate Moisture Content	Refer to the individual Product Data Sheet.			
Waiting Time / Overcoating	Before applying Sikafloor®-2530 W on Sikafloor®-2530 W allow:			
	Substrate temperature	Minimum	Maximum	
	+10 °C	48 hours	7 days	
	+20 °C	20 hours	6 days	
	+30 °C	10 hours	3 days	
Note: Times are approximate and will be affected by changing ambient conditions, particularly temperature and relative humidity. If relative air humidity is ≥ 75 % the waiting time is increased by at least 24 hours.				
Applied Product Ready for Use	Temperature	Foot traffic	Light traffic	Full cure
	+10 °C	48 hours	5 days	10 days
	+20 °C	20 hours	3 days	7 days
	+30 °C	10 hours	2 days	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.				

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.

FURTHER INFORMATION

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

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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