

SYSTEM DATA SHEET

Sikafloor® MultiDur WS-28

Smooth, water-based epoxy flooring system with low VOC emissions

DESCRIPTION

Sikafloor® MultiDur WS-28 is a smooth, water-dispersed, coloured epoxy flooring system. It has low VOC emissions.

USES

Sikafloor® MultiDur WS-28 may only be used by experienced professionals.

Sikafloor® MultiDur WS-28 is used for:

- Manufacturing facilities and workshops
- Logistics facilities and warehouses
- Parking garages

Please note:

- The System may only be used for interior applications.
- The System may only be used by experienced professionals.

FEATURES

- Suitable for floors with normal to medium-heavy mechanical and chemical loading
- Low VOC emissions
- Good resistance to chemicals
- Good mechanical resistance
- Good water vapour permeability
- Dilutable by water
- Low odour
- Easy application

CERTIFICATES AND TEST REPORTS

- Reaction to fire EN 13501-1:2018, Sikafloor® MultiDur WS-28, GHENT, Test report No. CR 23-0399-01

PRODUCT INFORMATION

Packaging

Shelf life

Storage conditions

TECHNICAL INFORMATION

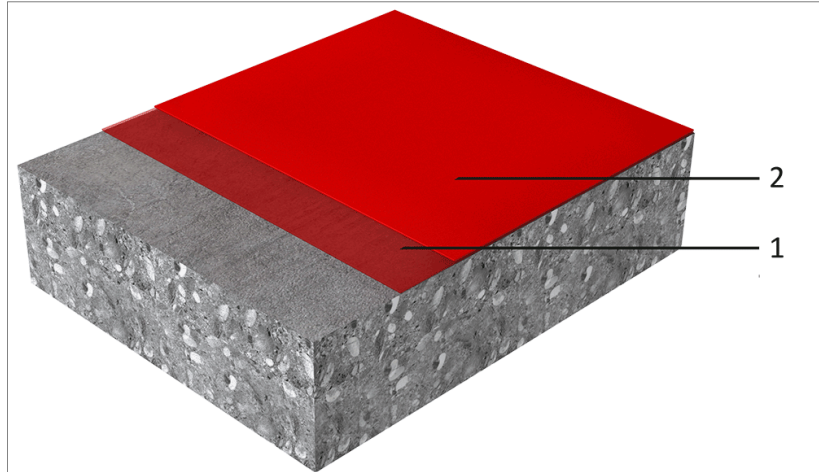
Tensile adhesion strength ≥ 1.5 MPa (EN 1542)

Reaction to fire Class B_{f1}-s1 (EN 13501-1)

SYSTEM INFORMATION

System structure

Sikafloor® MultiDur WS-28



	Product	Layer
1.	Primer	Sikafloor®-2510 W + 10 % water by weight
2.	Wearing layer	Sikafloor®-2510 W filled 1 : 1 with quartz sand (0.1–0.3 mm)
3.	Top coat	(Optional) Sikafloor®-2510 W

Composition Water-based epoxy

Appearance Smooth, matt or gloss finish depending on the optional top coat

Colour Cured system colour Available in various colour shades

Nominal thickness 2.0 mm to 3.0 mm

APPLICATION INFORMATION

Consumption	Layer	Product	Consumption
	Primer	1 × Sikafloor®-2510 W + 10 % by weight water	0.15–0.2 kg/m ²
	Wearing layer	Sikafloor®-2510 W filled 1 : 1 with quartz sand 0.1–0.3 mm	3.8 kg/m ²
	Top coat	(Optional) Sikafloor®-2510 W	0.1–0.15 kg/m ²

Note: Consumption data is theoretical and does not allow for any additional material due to surface porosity, surface profile, variations in level, wastage or any other variations. Apply the 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	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 to overcoating	Before applying Sikafloor®-2510 W on Sikafloor®-2510 W, allow:			
	Substrate temperature	Minimum	Maximum	
	+10 °C	48 hours	7 days	
	+20 °C	20 hours	6 days	
	+30 °C	10 hours	3 days	
If relative air humidity is $\geq 75\%$ the waiting time is increased by at least 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	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 Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

FURTHER DOCUMENTATION

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

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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