

## SYSTEM DATA SHEET

# Sikafloor® MultiDur WS-28

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

### PRODUCT 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.

### CHARACTERISTICS / ADVANTAGES

- 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

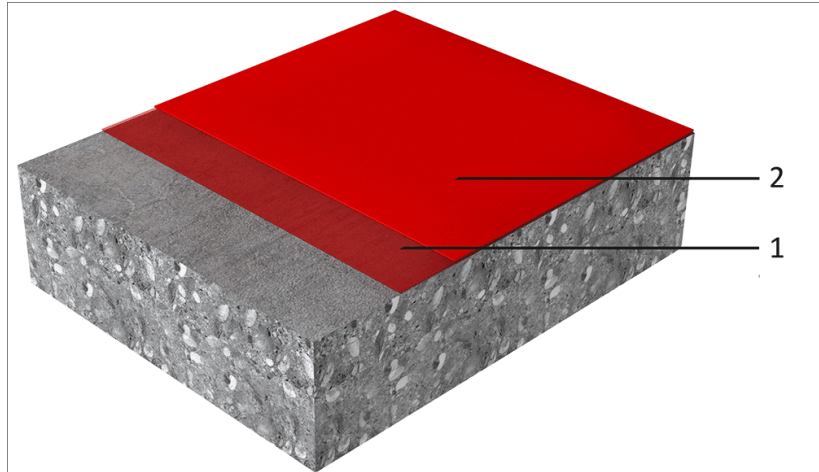
### APPROVALS / STANDARDS

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

# 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

<b>Composition</b>	Water-based epoxy
<b>Appearance</b>	Smooth, matt or gloss finish depending on the optional top coat
<b>Colour</b>	Cured system colour Available in various colour shades
<b>Nominal thickness</b>	2.0 mm to 3.0 mm

## TECHNICAL INFORMATION

<b>Tensile adhesion strength</b>	≥ 1.5 MPa	(EN 1542)
<b>Reaction to Fire</b>	Class B <sub>fl</sub> -s1	(EN 13501-1)

## APPLICATION INFORMATION

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

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.

<b>Ambient Air Temperature</b>	Maximum	+30 °C
	Minimum	+10 °C
<b>Relative Air Humidity</b>	Maximum	75 % r.h.

<b>Dew Point</b>	Refer to the individual Product Data Sheet.			
<b>Substrate Temperature</b>	Maximum	+30 °C		
	Minimum	+10 °C		
<b>Substrate Moisture Content</b>	Refer to the individual Product Data Sheet.			
<b>Waiting Time / Overcoating</b>	Before applying Sikafloor®-2510 W on Sikafloor®-2510 W, allow:			
	<b>Substrate Temperature</b>	<b>Minimum</b>	<b>Maximum</b>	
	+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.				
<b>Applied Product Ready for Use</b>	<b>Temperature</b>	<b>Foot Traffic</b>	<b>Light Traffic</b>	<b>Full Cure</b>
	+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.			

## 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

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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System Data Sheet  
Sikafloor® MultiDur WS-28  
May 2024, Version 02.01  
02081190000000216

SikafloorMultiDurWS-28-en-GB-(05-2024)-2-1.pdf