

SYSTEM DATA SHEET

Sikafloor® MultiDur ET-20

Low-odour, fast-curing, lightly textured, coloured epoxy roller coat flooring system

PRODUCT DESCRIPTION

Sikafloor® MultiDur ET-20 is a low-odour, lightly textured, fast-curing, coloured, rigid flooring coating system based on epoxy resins. It provides a hard-wearing, seamless, low-maintenance gloss finish.

USES

Sikafloor® MultiDur ET-20 installation works to be carried out only by Sika Approved Contractors. Please observe information given by Product Data Sheets.

The System is used in industrial buildings such as:

- Manufacturing facilities and workshops
- Logistics facilities and warehouses

Please note:

- The System may only be used for interior applications.

CHARACTERISTICS / ADVANTAGES

- Good resistance to abrasion
- Good resistance to specific chemicals
- Good mechanical resistance
- Good yellowing resistance
- Improved blush resistance
- Lightly textured
- Low odour
- Low VOC emissions
- Seamless
- Fast curing

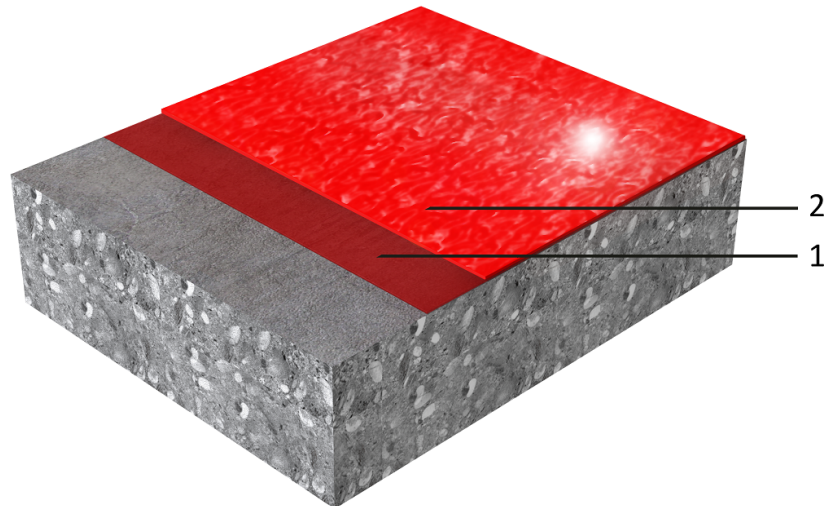
APPROVALS / STANDARDS

- Fire Classification EN 13501-1, Sikafloor® MultiDur ET-20, OFI Technologie & Inn
- Slip Resistance DIN EN 16165, Roxeler, Report No. 020066-22-3

SYSTEM INFORMATION

System Structure

Sikafloor® MultiDur ET-20



Layer	Product
1. Primer	Sikafloor®-150 Sikafloor®-151 Sikafloor®-156 Sikafloor®-161 Sikafloor®-2640 Sikafloor®-1590
2. Top coat	Sikafloor®-2640

Composition	Epoxy
Appearance	Lightly textured, gloss finish
Colour	Cured system colour Available in various colour shades
Nominal thickness	~1 mm

TECHNICAL INFORMATION

Shore D Hardness	~78 (7 days / +23 °C)	(DIN 53505)
Abrasion Resistance	Cured 7 days at +23 °C	935 mg (H22 / 1000 g / 1000 cycles) (EN ISO 5470-1)
Tensile adhesion strength	≥ 1.5 MPa	(EN 1542)
Reaction to Fire	Class B _{fl} -s1	(EN 13501-1)
Skid / Slip Resistance	R 9	(DIN 51130)

APPLICATION INFORMATION

Consumption	Layer	Product	Consumption
	Primer	Sikafloor®-150	1-2 × ~0.3-0.5 kg/m ²
		Sikafloor®-151	
		Sikafloor®-156	
		Sikafloor®-161	
		Sikafloor®-2640	
		Sikafloor®-1590	
	Top coat	Sikafloor®-2640	2 × 0.3-0.4 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 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.
-----------------------	---------	-----------

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	When using Sikafloor®-1590 refer to the individual Product Data Sheet for specific information on waiting time to overcoating.		
	Before applying Sikafloor®-2640 on Sikafloor®-150/ Sikafloor®-151/ Sikafloor®-156/ Sikafloor®-161 allow:		

Temperature	Minimum	Maximum
+10 °C	~17 hours	~3 days
+20 °C	~9 hours	~48 hours
+30 °C	~7 hours	~24 hours

Before applying Sikafloor®-2640 on Sikafloor®-2640 allow:

Temperature	Minimum	Maximum
+10 °C	~15 hours	~72 hours
+20 °C	~6 hours	~48 hours
+30 °C	~3 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	~15 hours	~18 hours	~24 hours
	+20 °C	~6 hours	~11 hours	~14 hours
	+30 °C	~3 hours	~9 hours	~12 hours

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 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 safety regulations must be observed and it advisable to wear PPI when working with this product with particular attention paid to cutting and handling. Transportation Class: The product is not classified as hazardous good for transport. Disposal: The material is recyclable. Disposal must be according to local regulations. Please contact your local Sika sales organisation for more information.

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 the 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.

SIKA IRELAND LIMITED

Ballymun Industrial Estate
Ballymun
Dublin 11, Ireland
Tel: +353 1 862 0709
Web: www.sika.ie
Twitter: @Sikalreland



System Data Sheet
Sikafloor® MultiDur ET-20
August 2024, Version 06.01
02081190000000122

SikafloorMultiDurET-20-en-IE-(08-2024)-6-1.pdf

