

SYSTEM DATA SHEET

Sikafloor® MultiDur ET-14

TEXTURED UNICOLOUR DOUBLE EPOXY ROLLER COAT



DESCRIPTION

Sikafloor® MultiDur ET-14 is a coloured rigid epoxy floor covering with textured properties.

USES

Sikafloor® MultiDur ET-14 may only be used by experienced professionals.

- for concrete and cement screeds with normal up to medium heavy wear e.g. storage and assembly halls, maintenance workshops, garages and loading ramps.
- for multi-storey and underground car parks, maintenance hangars and for wet process areas, e.g. beverage and food industry.
- for areas where slip resistance and easy cleanability is required

CHARACTERISTICS / ADVANTAGES

- Light to medium mechanical resistance
- Medium chemical resistance
- Increased slip resistance
- Jointless
- Hygienic
- Total solid
- Gloss finish
- Easy cleanability

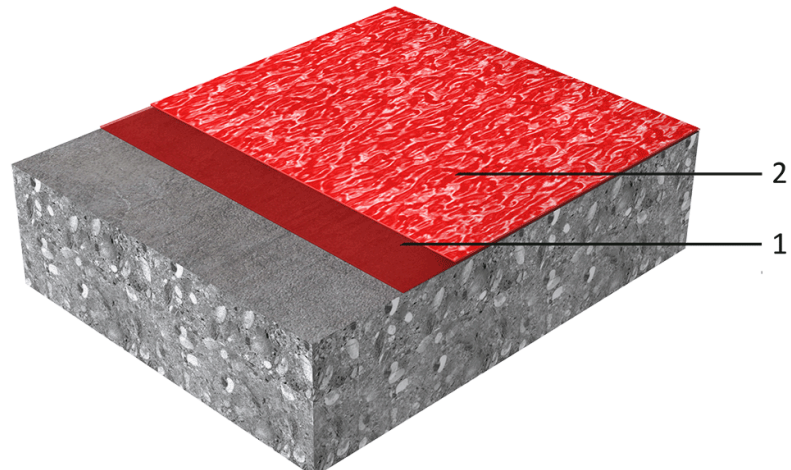
APPROVALS / STANDARDS

- Cleanability “Excellent” (VDMA “Riboflavin test for low germ or sterile process technologies” tested).
- Slip resistance class R9 in accordance with DIN 51130 and BGR 181.
- Conforms to the requirements of EN 13813 and EN 1504-2
- Fire classification in accordance with EN 13501-1, Report- No. KB-Hoch-170419, Hoch Fladungen, Germany, March 2017

SYSTEMS

System Structure

Sikafloor® MultiDur ET-14



1. Primer	Sikafloor®-156/-161/-160
2. Wearing Coat	1-2 × Sikafloor®-264 Thixo

Chemical base	Epoxy
Appearance	Textured, gloss finish
Colour	Almost unlimited choice of colour shades.
Nominal Thickness	~1.0 mm

TECHNICAL INFORMATION

Shore D Hardness	~76 (7 days / +23 °C)	(DIN 53 505)
Compressive Strength	Resin : ~60 N/mm ² (28 days / +23 °C)	(EN 196-1)
Tensile Adhesion Strength	> 1.5 N/mm ² (failure in concrete)	(ISO 4624)
Reaction to Fire	Bfl-S1	(DIN EN 13501-1)
Chemical Resistance	Resistant to many chemicals. Please ask for a detailed chemical resistance table.	
Skid / Slip Resistance	R9	(DIN 51130)

APPLICATION INFORMATION

Consumption	Sikafloor® MultiDur ET-14 system (~ 1,0 mm)		
	Coating System	Product	Consumption
	Primer	1 × Sikafloor®-156/ -161/ -160	~0.3-0.5 kg/m ²
	Wearing coat	1-2 × Sikafloor®-264 Thixo	~0.5-0.8 kg/m ² per layer
Product Temperature	Please refer to the individual Product Data Sheet		
Ambient Air Temperature	+10 °C min. / +30 °C max.		
Relative Air Humidity	80 % r.h. max.		
Dew Point	Beware of condensation! The substrate and uncured floor must be at least 3 °C above dew point to reduce the risk of condensation or blooming on the floor finish.		
Substrate Temperature	+10 °C min. / +30 °C max.		

Substrate Moisture Content

When performing application work with Sikafloor® MultiDur ET-14, the substrate moisture content must not exceed 4 % pbw measured by Tramex.

Test method: Sika®-Tramex meter, CM - measurement or Oven-dry-method.

No rising moisture according to ASTM (Polyethylene-sheet).

Waiting Time / Overcoating

Before applying Sikafloor®-264 Thixo on Sikafloor®-156/-161/-160 allow:

Substrate temperature	Minimum	Maximum
+10 °C	24 hours	3 days
+20 °C	12 hours	2 days
+30 °C	8 hours	1 day

Applied Product Ready for Use

Temperature	Foot traffic	Light traffic	Full cure
+10 °C	~ 72 hours	~ 6 days	~ 10 days
+20 °C	~ 24 hours	~ 4 days	~ 7 days
+30 °C	~ 18 hours	~ 2 days	~ 5 days

PRODUCT INFORMATION

Packaging

Please refer to the individual Product Data Sheets

Shelf life

Please refer to the individual Product Data Sheets

Storage conditions

Please refer to the individual Product Data Sheets

MAINTENANCE

CLEANING

Please refer to the Method Statement Sikafloor®-Cleaning Regime

FURTHER DOCUMENTS

Please refer to :

- Sika® Method Statement Mixing & Applications of Flooring systems
- Sika® Method Statement Evaluation and Preparation of Surfaces for Flooring systems

LIMITATIONS

- Do not apply Sikafloor® MultiDur ET-14 on substrates with rising moisture.
- Freshly applied Sikafloor® MultiDur ET-14 must be protected from damp, condensation and water for at least 24 hours.
- The incorrect assessment and treatment of cracks may lead to a reduced service life and reflective cracking.
- For exact colour matching, ensure the Sikafloor®-264 Thixo in each area is applied from the same control batch numbers.
- Under certain conditions, underfloor heating or high ambient temperatures combined with high point loading, may lead to imprints in the resin.
- If heating is required do not use gas, oil, paraffin or other fossil fuel heaters, these produce large quantities of both CO₂ and H₂O water vapour, which may adversely affect the finish. For heating use only electric powered warm air blower systems.

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. 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.

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.

ECOLOGY, HEALTH AND SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety-related data.

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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