

SYSTEM DATA SHEET

Sikafloor® MultiDur ES-17

DECORATIVE SMOOTH COLOURED FLOORING SYSTEM

DESCRIPTION

Sikafloor® MultiDur ES-17 is an epoxy and polyurethane decorative coloured resin based floor coating system that can provide a hard wearing, seamless, low maintenance smooth matt finish. For medium - heavy wear conditions. Thickness 0,6–0,8 mm. Internal use.

USES

Sikafloor® MultiDur ES-17 may only be used by experienced professionals.

- On concrete and cementitious screeds with normal up to medium heavy wear e.g. commercial, assembly halls, retail, leisure, public and residential areas.

CHARACTERISTICS / ADVANTAGES

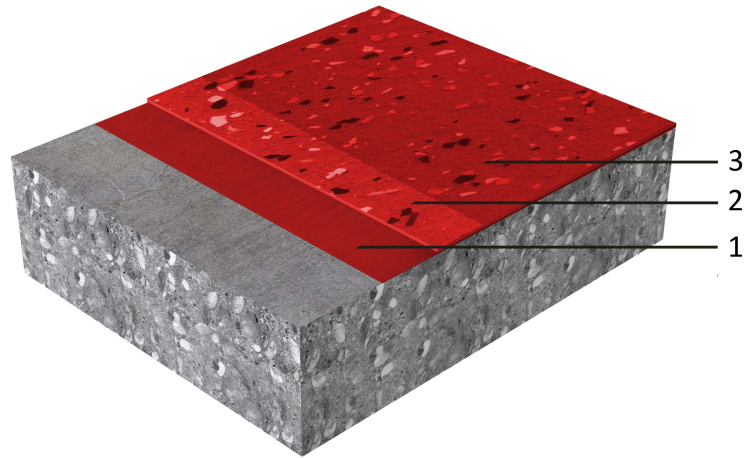
- Seamless
- Decorative design
- Light to medium wear resistance
- Easy cleanability
- Colour options
- Low maintenance

PRODUCT INFORMATION

Packaging	Refer to the individual Product Data Sheets
Shelf life	Refer to the individual Product Data Sheets
Storage conditions	Refer to the individual Product Data Sheets

SYSTEMS

System Structure



Sikafloor® MultiDur ES-17 (~0,6–0,8 mm)

Layer	Product
1. Primer	Sikafloor®-264
2. Wearing coat & coloured flake broadcast	Sikafloor®-264+ coloured flakes
3. Top coat	Sikafloor®-304 W

Composition	Epoxy and polyurethane
Appearance	Matt finish
Colour	Available in many colours
Nominal Thickness	~0,6–0,8 mm

TECHNICAL INFORMATION

Chemical Resistance	Resistant to many chemicals. Contact Sika Technical Services for additional information.
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APPLICATION INFORMATION

Consumption	Sikafloor® MultiDur ES-17 system (~0,6–0,8 mm)		
	Layer	Product	Consumption
	1. Primer	1 × Sikafloor®-264	1 × 0,4–0,5 kg/m ²
	2. Wearing coat Coloured flake broadcast	1 × Sikafloor®-264 × 0,4–0,5 kg/m ² Coloured flakes	1 × 0,4–0,5 kg/m ² ~40 g/m ²
	3. Top coat	1 × Sikafloor®-304 W	1 × 0,13 kg/m ²

Ambient Air Temperature	+10 °C min. / +30 °C max.
Relative Air Humidity	≤75 % r.h. max.
Dew Point	Beware of condensation. The substrate and uncured floor material must be at least +3 °C above dew point to reduce the risk of condensation or blooming on the surface of the applied product.
Substrate Temperature	+10 °C min. / +30 °C max.

Substrate Moisture Content

≤4 % parts by weight

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 on Sikafloor®-264 allow:

Substrate temperature	Minimum	Maximum
+10 °C	30 hours	3 days
+20 °C	24 hours	2 days
+30 °C	16 hours	1 day

Before applying Sikafloor®-264 on Sikafloor®-304 W allow:

Substrate temperature	Minimum	Maximum
+10 °C	45 hours	4 days
+20 °C	36 hours	3 days
+30 °C	24 hours	2 days

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	~30 hours	~48 hours	~6 days
+20 °C	~16 hours	~24 hours	~4 days
+30 °C	~12 hours	~18 hours	~3 days

Times are approximate and will be affected by changing ambient conditions particularly temperature and relative humidity.

FURTHER INFORMATION

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

IMPORTANT CONSIDERATIONS

- Do not apply on substrates with rising moisture.
- After application product must be protected from damp, condensation and water for at least 7 days (+20 °C).
- 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 in each area is applied from the same control batch numbers.
- Unevenness of substrates as well as dirt inclusions cannot be covered by thin sealers coats. Therefore substrate and adjacent areas must be cleaned thoroughly prior to application.

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.

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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