

SYSTEM DATA SHEET

Sikafloor® MultiDur EB-24 HK

BROADCAST UNICOLOUR EPOXY FLOOR COVERING WITH HIGH MECHANICAL RESISTANCE, UV RESISTANCE

DESCRIPTION

Sikafloor® MultiDur EB-24 HK is a high solid content, high abrasion resistant polyurethane coating for flooring applications

USES

Sikafloor® MultiDur EB-24 HK may only be used by experienced professionals.

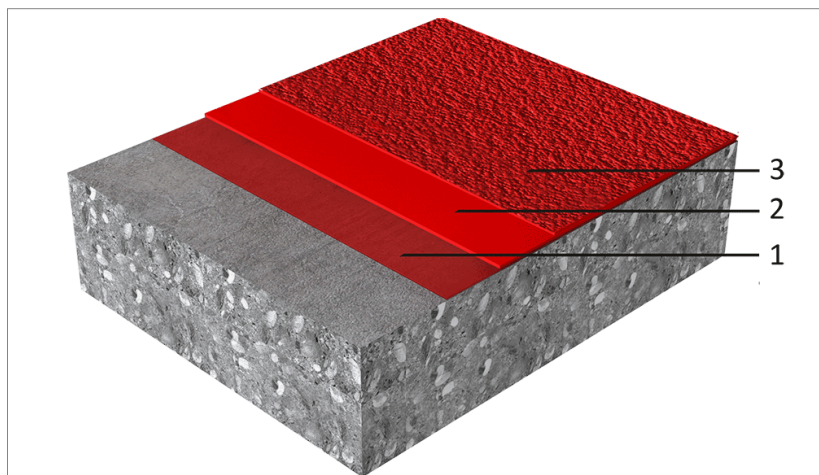
- for concrete and cement screeds with normal up to medium heavy wear
- for UV expose carpark deck
- for outdoor loading ramps

CHARACTERISTICS / ADVANTAGES

- High wear resistance
- High mechanical resistance
- Good chemical resistance
- Easy application
- Waterproof
- Gloss finish
- UV resistance

SYSTEM INFORMATION

System Structure



Sikafloor® MultiDur EB-24 HK System

1. Primer	Sikafloor®-156/-161/-160
2. Wearing coat & broadcast in excess	Sikafloor®-263 SL or Sikafloor®-264 broadcast with quartz sand in excess
3. Top coat	Sikafloor®-315

Composition	Top Coat: Polyurethane ; Base Coat: Epoxy
Colour	Completely cured Sikafloor®-315 is semi-gloss finish Transparent or standard colours available.
Volatile organic compound (VOC) content	VOC content (ready to use) not exceeding 250 gm/litre [Type of regulate paint under the Air Pollution Control (volatile organic compounds) Regulation of Hong Kong: (Floor Coating)].

TECHNICAL INFORMATION

Abrasion Resistance	10–20 mg (CS 17/1000/1000) (at 23 °C / 50 % r.h./28 days)	(ASTM D4060)
Tensile Strength	19.8 MPa (at 23 °C / 50 % r.h. / 28 days)	(ASTM D2370)

APPLICATION INFORMATION

Consumption	Sikafloor® MultiDur EB-24 HK System		
	Coating System	Product	Consumption
	Primer	Sikafloor®-156/160/-161	1–2 x 0.30–0.50 kg/m ²
	Wearing coat	Sikafloor®-263 SL/264 filled in with quartz sand 0.1–0.3 mm	~ 4 kg/m ² (2 kg/m ² binder + 2 kg/m ² quartz sand)
	Broadcast in excess	Quartz sand 0.4–0.7 mm	~ 4–6 kg/m ²
	Top coat	Sikafloor®-315	~ 0.2 kg/m ³

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.

Waiting Time / Overcoating	Before apply Sikafloor®-263 SL 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
	Before applying Sikafloor®-315 on Sikafloor®-263 SL allow :		
	Substrate temperature	Minimum	Maximum
	+10 °C	30 hours	4 days
	+20 °C	24 hours	3 days
	+30 °C	16 hours	2 days

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 Sheet
Shelf Life	Please refer to the individual Product Data Sheet

LIMITATIONS

- Do not apply Sikafloor® MultiDur EB-24 HK on substrates with rising moisture.
- Freshly applied Sikafloor® MultiDur EB-24 HK 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®-315 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.

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 Material Safety Data Sheet (MSDS) 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. It may be necessary to adapt the above disclaimer to specific local laws and regulations. Any changes to this disclaimer may only be implemented with permission of Sika® Corporate Legal in Baar.

SIKA HONGKONG LTD.

Rm.1507-12, Blk A, New Trade Plaza,
6 On Ping Street, Shatin, N.T., H.K.
Phone: +852 26868108
Fax: +852 26453671
Mail: marketing@hk.sika.com
Website: www.sika.com.hk



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