

SYSTEM DATA SHEET

Sikafloor® MultiDur EB-10 ECC

Slip-resistant, coloured, epoxy flooring coating system for damp substrates

PRODUCT DESCRIPTION

Sikafloor® MultiDur EB-10 ECC is a broadcast, coloured, rigid flooring coating system, formulated with epoxy resins. It is used for damp substrates in areas subject to high mechanical stress and frequent traffic.

USES

Sikafloor® MultiDur EB-10 ECC may only be used by experienced professionals.

Sikafloor® MultiDur EB-10 ECC is used in industrial buildings such as:

- Car park decks
- Food and beverage facilities
- Logistics facilities and warehouses
- Manufacturing facilities and workshops

Please note:

- The System may only be used for interior applications.

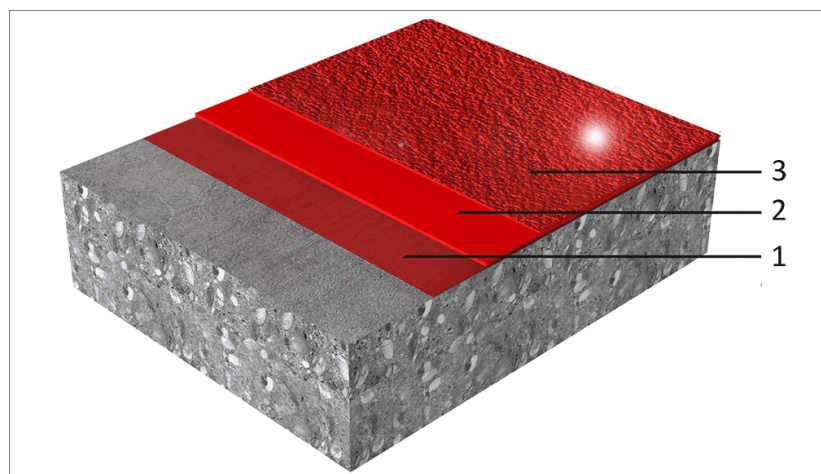
CHARACTERISTICS / ADVANTAGES

- Good resistance to abrasion
- Good resistance to specific chemicals
- Good mechanical resistance
- Provides a very good bond to green, hardened and damp, or dry concrete
- Seamless
- Tolerant to substrates with high moisture content

SYSTEM INFORMATION

System Structure

Sikafloor® MultiDur EB-10 ECC



	Layer	Product
	Primer	Sikafloor®-155 WN, or Sikafloor® EpoCem® Modul (AB)
	Levelling	Sikafloor®-81 EpoCem®
	Broadcast	Quartz sand (0.3–0.8 mm)
	Top coat	Sikafloor®-264 Plus
Composition	Epoxy	
Appearance	Slip-resistant, gloss finish	
Colour	Available in various colour shades	
Nominal thickness	3 mm to 5 mm	

TECHNICAL INFORMATION

Tensile adhesion strength	≥ 1.5 MPa	(EN 1542)
----------------------------------	-----------	-----------

APPLICATION INFORMATION

Consumption	Layer	Product	Consumption
	Primer	Sikafloor®-155 WN (diluted with 10 % water), or Sikafloor® EpoCem® Modul (AB)	1 × 0.3–0.5 kg/m ²
	Levelling	Sikafloor®-81 EpoCem®	1 × 2.25 kg/m ² per mm (resin)
	Broadcast	Quartz sand (0.3–0.8 mm)	4–6 kg/m ² (broadcast)
	Top coat	Sikafloor®-264 Plus	1 × 0.6–0.8 kg/m ²

Note: Consumption data is theoretical and does not account for additional material due to surface porosity, surface profile, variations in level, wastage, or other factors. Apply the 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	The Product can be applied on green or damp concrete with no standing water. Allow for at least 3 days for early concrete shrinkage to occur to prevent shrinkage cracks from appearing on the wearing surface.
-----------------------------------	---

Waiting Time / Overcoating	Before applying Sikafloor®-81 EpoCem® on Sikafloor®-155 WN or Sikafloor® EpoCem® Modul allow:		
	Temperature	Minimum	Maximum
	+10 °C	12 hours	3 days
	+20 °C	6 hours	48 hours
	+30 °C	4 hours	24 hours

Sikafloor®-81 EpoCem® can be overcoated with vapour impermeable coatings when the surface humidity falls below 4 %. Not earlier than:

Substrate temperature	Waiting time
+10 °C	2 days
+20 °C	1 day
+30 °C	1 day

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	30 hours	6 days	10 days
	+20 °C	24 hours	4 days	7 days
	+30 °C	16 hours	2 days	5 days

Note: Times are approximate and will be 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.

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.

SIKA LIMITED

Watchmead
Welwyn Garden City
Hertfordshire, AL7 1BQ
Tel: 01707 394444
Web: www.sika.co.uk
Twitter: @SikaLimited



System Data Sheet
Sikafloor® MultiDur EB-10 ECC
August 2025, Version 03.01
020811900000000239

SikafloorMultiDurEB-10ECC-en-GB-(08-2025)-3-1.pdf