

SYSTEM DATA SHEET

Sikafloor® MonoFlex MB-58

BROADCAST, 1-COMPONENT, FAST CURING, CRACK BRIDGING AND WATERPROOFING, UNICOLOR FLOOR COVERING



DESCRIPTION

Sikafloor® MonoFlex MB-58 is a reinforced liquid applied waterproofing system for balconies and terraces and is part of Sika Balcony solutions.

Sikafloor® MonoFlex MB-58 consists of one part, pigmented, highly elastic, solvent containing, UV resistant, polyurethane products and makes use of Sika's unique i-Cure technology to improve surface aesthetics and reduce sensitivity for ambient humidity during application.

The waterproofing layer of Sikafloor® MonoFlex MB-58 is finished with a trafficable coating to provide an anti-slip surface in solid optic.

USES

Sikafloor® MonoFlex MB-58 may only be used by experienced professionals.

- For balconies, terraces, footbridges, stairways, galleries etc.
- Slip resistant, UV resistant, waterproof, crack-bridging coating for concrete, cementitious screed substrates and tiles.
- For light to medium mechanical exposure

CHARACTERISTICS / ADVANTAGES

- Very high crack bridging ability, i-Cure based system
- ETAG 005 Certified
- Protection against water ingress, atmospheric chemicals, carbonation, and other forms of deterioration
- Slip resistant
- Rapid drying and easily applied
- Medium wear resistant
- UV-Stable
- Colour options

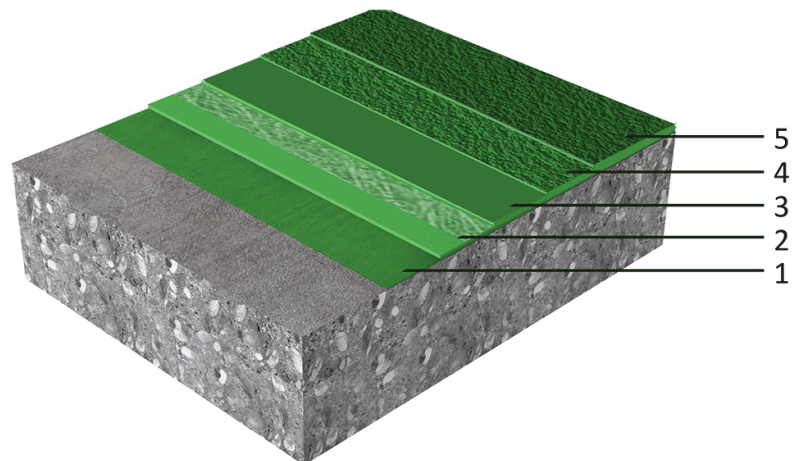
APPROVALS / STANDARDS

- Synthetic resin screed material according to EN13813:2002, Declaration of Performance and provided with the CE marking
- Coating for surface protection of concrete according to EN 1504-2:2004, Declaration of Performance and provided with the CE marking
- Liquid-applied water impermeable products for use beneath ceramic tiling bonded with adhesives according to EN 14891, Declaration of Performance and provided with the CE marking
- Liquid-applied waterproofing using kits based on polyurethane for use on roofs, terraces and balconies according to ETAG-005, ETA-13/0231 issued by Technical Assessment Body British Board of Agrément, Declaration of Performance and provided with the CE-marking.

SYSTEM INFORMATION

System Structure

Sikafloor® MonoFlex MB-58



Layer	Product	Consumption
1. Primer	Sikafloor®-161 or Sika® Concrete Primer or Sikafloor®-701	~0.5 kg/m ² /layer
2. Waterproofing layer	Sikafloor®-405	~1.4 kg/m ²
2.1 Reinforcement	Sika Reemat Premium	
2.2 Embedment coat	Sikafloor®-405	~0.65 kg/m ²
3. Base coat	Sikafloor®-420	~1.1 kg/m ²
	Broadcast with KG 9 quartz sand	~2.5 kg/m ²
4. Wear coat	Sikafloor®-420	~0.35 kg/m ²
5. Top coat	Sikafloor®-416	~0.25 kg/m ²

Consumptions are theoretical and do not include any wastage or additional materials needed due to porosity, substrate profile etc.

Chemical base	Polyurethane
Appearance	Slip resistant, matt finish
Colour	Multiple choices, KG 9 quartz sand design
Nominal Thickness	~ 2.5 mm

TECHNICAL INFORMATION

External Fire Performance	BROOF(T1)	(EN V 1187-1)
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PRODUCT INFORMATION

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

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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