

SYSTEM DATA SHEET

Sikafloor® MultiFlex PB-15 UV (G)

UV STABLE CAR PARK TRAFFIC DECK SYSTEM FOR INTERMEDIATE AND EXPOSED DECKS

DESCRIPTION

Sikafloor® MultiFlex PB-15 UV (G) is a tough elastomeric, slip resistant and UV stable car park coating system.

Sikafloor® MultiFlex PB-15 UV (G) is specifically designed to meet the requirements for car parking structure floors, traffic decks and ramps in the GCC region. Sikafloor® MultiFlex PB-15 UV (G) consists of a primer, sand aggregates, a tough elastic crack bridging polyurethane mid coat and a high UV resistant top coat.

Sikafloor® MultiFlex PB-15 UV (G) is available in a wide range of colors and is complemented by the Sika range of Line Marking and Anti Carbonation coating systems. Suitable for use in hot and tropical climatic conditions.

USES

Sikafloor® MultiFlex PB-15 UV (G) may only be used by experienced professionals.

- Car Parks, intermediate, exposed decks and ramps
- Automotive industry
- Industrial flooring for storage, logistics centers and warehouses, etc.

FEATURES

- High mechanical resistance
- Good chemical resistance
- Good UV resistance
- Low dirt pick up
- Easy to clean and maintain
- Seamless
- Anti-slip surface
- Low VOC content

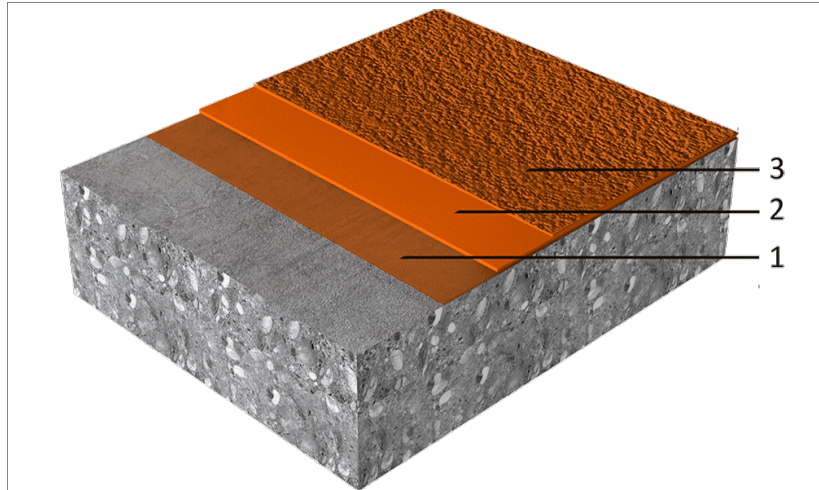
CERTIFICATES AND TEST REPORTS

- Refer to individual Product Data Sheet (PDS) for further approvals and certificates

SYSTEM INFORMATION

System structure

Sikafloor® MultiFlex PB-15 UV (G)



Layer	Product	Consumption
1. Primer	Sikafloor®-151, or Sikafloor®-161, or Sikafloor®-161 G, or Sikafloor®-161 QA	~0.3 kg/m ² /layer
	+ Aggregate broadcast 0.3 - 0.7 mm (e.g. Sikadur®-507)	~1.0 kg/m ²
2. Base coat	Sikafloor®-324 / -3240	~0.5 kg/m ²
3. Top Coat	Sikafloor® TC 257, or Sikafloor®-359 AE, or Sikafloor®-359 BH, or Sikafloor®-359 N, or Sikafloor®-359 SG	~0.25 kg/m ²

Note: These consumption figures are theoretical and do not include any additional material required due to surface porosity, surface profile, variations in level and wastage etc..

Contact your local Sika® organization about availability of primer and top coat options.

Composition	Polyurethane
Appearance	Slip resistant, matt or gloss finish top coat option
Colour	Almost unlimited choice of colour shades. Please refer to the Sikafloor® color chart.
Nominal thickness	~1.0 mm

TECHNICAL INFORMATION

Resistance to impact	Pass (at 2.0 kg*m) : No sign of crack or peeling	(ISO 6272)
Tensile adhesion strength	≥ 1.5 N/mm ² (or concrete failure)	(BS 1881 - Part 207)
Crack bridging ability	~1.0 mm (+22 °C)	(ASTM C1305)
Chemical resistance	Sikafloor® MultiFlex PB-15 UV (G) always has to be sealed with UV stable top coat. Refer to the chemical resistance of top coat.	

BASIS OF PRODUCT DATA

All technical data stated in this Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

FURTHER DOCUMENTATION

Refer to the individual Product Data Sheets.

Substrate quality & Preparation:

Refer to Sika Method Statement: "Evaluation and preparation of surfaces for flooring systems".

Floor repair and leveling:

Refer to Sika Method Statement: "Epoxy mortar / screed for floor repair and leveling"

Application instructions:

Refer to Sika Method Statement: "Mixing & Application of flooring systems".

Overall information:

Refer to Sika Method Statement: "Sikafloor® MultiFlex PB-15 UV (G)".

IMPORTANT CONSIDERATIONS

- Freshly applied Sikafloor® products must be protected from damp, condensation and water for at least 24 hours.
- Uncured material reacts in contact with water (foaming).
- During application care must be taken that no sweat drops into fresh Sikafloor® products (wear head and wrist bands).
- For exact color matching, ensure the Sikafloor® product in each area is applied from the same control batch number.
- When applied in exposed areas e.g. on direct sunlight or exposed to high winds, quicker drying of top coat may be expected due to fast solvent release, which may lead to reduced working (open) time.
- The incorrect assessment and treatment of cracks may lead to a reduced service life and reflective cracking.
- 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.

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

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for exact product data and uses.

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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ISO 9001, 14001, 45001 – SGS:
- Sika UAE LLC
- Sika International Chemicals LLC
- Sika Gulf B.S.C. (c)
ISO 9001, 14001 – SGS:
- Sika Saudi Arabia Limited
ISO 9001, 14001 – TÜV:
- Sika UAE LLC (Branch)
ISO 9001 – SGS:
- Sika MB LLC

All products are supplied under a management system certified to conform to the requirements of the quality, environmental and occupational health & safety standards ISO 9001, ISO 14001 and ISO 45001.



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April 2026, Version 05.02

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