

SYSTEM DATA SHEET

Sikafloor® MultiFlex PB-15 (G)

CAR PARK TRAFFIC DECK SYSTEM FOR INTERMEDIATE DECKS

DESCRIPTION

Sikafloor® MultiFlex PB-15 (G) is a multipurpose, tough elastomeric and slip resistant polyurethane car park coating system. Sikafloor® MultiFlex PB-15 (G) is especially designed to meet the requirements for car parking structure floors, traffic decks and ramps in the GCC region. Sikafloor® MultiFlex PB-15 (G) consists of a tough elastic, crack bridging polyurethane base coat which fulfils as well the stringent demands for low VOC emitting products, finished with aromatic polyurethane sealer.

Sikafloor® MultiFlex PB-15 (G) is available in a wide range of colors and is complemented by the Sika range of Line Marking (Sikafloor LM) and Anti Carbonation coating systems.

Suitable for use in hot and tropical climatic conditions.

USES

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

- Car parks intermediate decks and ramps
- Automotive industry
- Industrial flooring for storage, logistic centers

CHARACTERISTICS / ADVANTAGES

- High mechanical resistance
- Good chemical resistance
- Scratch resistant surface
- Low dirt pick up
- Easy to clean and maintain
- Seamless surface
- i-Cure based technology base coat
- Anti-slip surface
- Low VOC content

APPROVALS / CERTIFICATES

- Fire classification according to DIN EN 13501-1:2010-01: Report No. 20150909/01, MPA Dresden
- Biological Resistance Class "Good" – Cleanroom Suitable Materials. Evaluation of the biological resistance in accordance with ISO 846. Tested by IPA report No. SI 1506-767.
- Refer to individual PDS for further approvals and certificates.

PRODUCT INFORMATION

Packaging Please refer to the individual Product Data Sheets

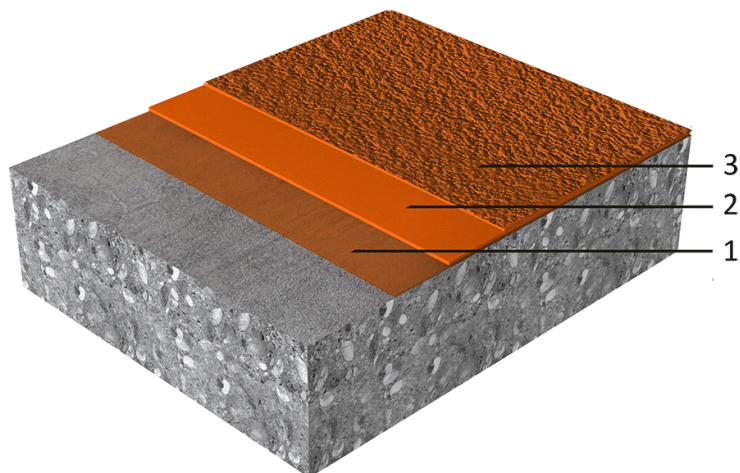
Shelf life Please refer to the individual Product Data Sheets

Storage conditions Please refer to the individual Product Data Sheets

SYSTEMS

System Structure

Sikafloor® MultiFlex PB-15 (G)



Layer	Product	Consumption
1. Primer	Sikafloor®-161/-161 G +Aggregate broadcast 0.3 - 0.7 mm	~0.3 kg/m ² /layer ~1.0 kg/m ²
2. Base coat	Sikafloor®-3240 /-324	~0.5 kg/m ² /layer
3. Top Coat	Sikafloor®-3240 /-324	~0.25 kg/m ² /layer

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

Composition	Polyurethane
Appearance	Slip resistant, gloss finish
Colour	Almost unlimited choice of colour shades. Please refer to Sikafloor® color chart
Nominal Thickness	≥ 1.2 mm

TECHNICAL INFORMATION

Reaction to Fire	Bfl-s1	(EN 13501-1)
Chemical Resistance	Sikafloor® MultiFlex PB-15 (G) always has to be sealed with Sikafloor®-3240 /-324. Refer to the chemical resistance of Sikafloor®-3240 /-324.	

APPLICATION INFORMATION

Applied Product Ready for Use	Temperature	Foot traffic	Light traffic	Full cure
	+15 °C	~72 h	~6 d	~10 d
	+20 °C	~24 h	~4 d	~7 d
	+30 °C	~18 h	~2 d	~5 d

Note: Times are approximate and will be affected by changing ambient and substrate conditions.

MAINTENANCE

CLEANING

Please refer to the Sikafloor® Cleaning Regime

FURTHER INFORMATION

Please refer to the individual Product Data Sheets. Substrate Quality & Preparation

Please refer to Sika Method Statement: "Evaluation and preparation of surfaces for flooring systems". Application Instructions
Please refer to Sika Method Statement: "Mixing & Application of flooring systems". Maintenance
Please refer to "Sikafloor® Cleaning regime".

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 colour matching, ensure the Sikafloor® product in each area is applied from the same control batch number.
- 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 Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

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 the exact product data and uses.

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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ISO 9001: Sika UAE LLC,
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Sika Saudi Arabia Co. Ltd,
Sika Qatar LLC
ISO 14001: Sika UAE LLC,
Sika Gulf B.S.C. (c),
Sika Saudi Arabia Co. Ltd
OHSAS: Sika UAE LLC,
Sika Gulf B.S.C. (c)

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 OHSAS
18001.

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