

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 intermediate deck car parking structure floors, traffic decks and ramps in the

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 Anti Carbonation coating systems.

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.

CHARACTERISTICS / ADVANTAGES

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

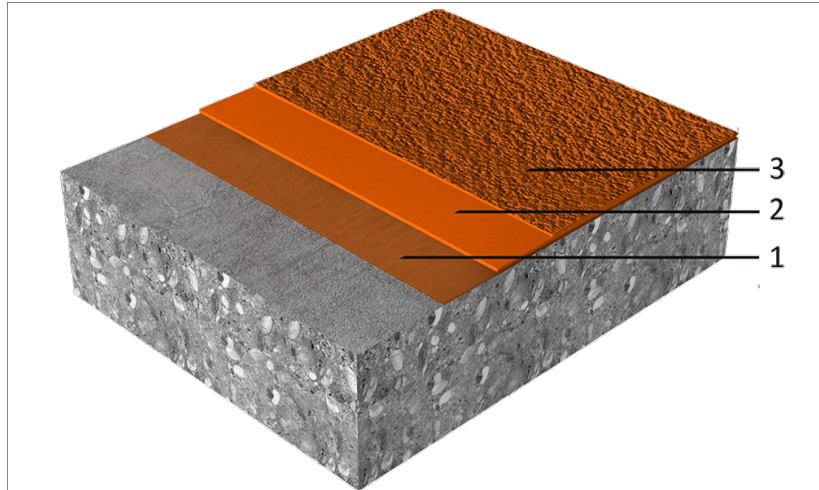
APPROVALS / CERTIFICATES

- Follows ASTM C957 regarding crack bridging abilities
- Tested according to EN 410:1998 regarding Solar Reflective Index (SRI - white ~84 %, beige ~69 %, light grey ~66 %)
- Tested according to ASTM D543-95 regarding chemical resistance
- Refer to individual PDS for further approvals and certificates

SYSTEM INFORMATION

System structure

Sikafloor® MultiFlex PB-15 UV (G)



Layer	Product	Consumption
1. Primer	Sikafloor®-161 + Aggregate broadcast 0.3 - 0.7 mm (Sikadur®-507)	~0.4 kg/m ² /layer ~1.0 kg/m ²
2. Base coat	Sikafloor®-377 Tinted to color	~0.5 kg/m ²
3. Top Coat	Sikafloor®-359 N	~0.25 kg/m ²

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 the Sikafloor® color chart.
Nominal thickness	≥ 1.2 mm

TECHNICAL INFORMATION

Crack bridging ability	~1.0 mm (22 °C)	(ASTM C1305)
Chemical resistance	Sikafloor® MultiFlex PB-15 UV (G) always has to be sealed with Sikafloor®-359N therefore, refer to the chemical resistance of Sikafloor®-359 N Chemical resistance of Sikafloor®-359N is in accordance to ASTM D543-95.	

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.

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 color 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.

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.

MAINTENANCE

CLEANING

Please refer to the Sikafloor® Cleaning Regime

LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the declared data for this product may vary from country to country. Please consult the local Product Data Sheet for the exact product 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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