

SYSTEM DATA SHEET

Sikafloor® MultiFlex PB-30 IN

Coloured, slip-resistant, crack-bridging car park decking system

DESCRIPTION

Sikafloor® MultiFlex PB-30 IN is a coloured, crack-bridging epoxy and polyurethane car park decking system. It provides a hard-wearing, low-maintenance, slip-resistant finish.

USES

The System is used in industrial/commercial buildings such as:

- Car park decks (Ramp, driveway, parking bay)
- Please note: This System may only be used for interior applications.

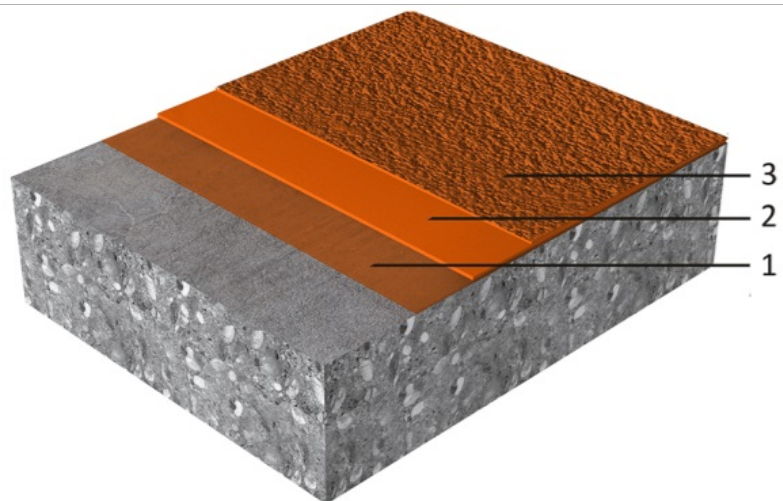
CHARACTERISTICS / ADVANTAGES

- Good abrasion resistance
- Good crack-bridging ability
- High mechanical resistance
- Good chemical resistance.
- Seamless
- Low dirt pick
- Easy cleanability
- Slip and skid resistant surface
- Impermeable to liquids
- Improved blush resistance
- Easy application
- Low maintenance

SYSTEM INFORMATION

System structure

Sikafloor® MultiFlex PB-30 IN



Layer	Product	Consumption
1. Primer	Sikafloor®-370 TG BC	~0.25 kg/m ² /layer
2. Base coat +	Sikafloor®-370 TG BC	~0.6–0.7 kg/m ²
Aggregate broadcast	Sika® Quartz -02 IN (0.4 - 0.8 mm) / Sika SRA 3 (0.8-1.2mm)	~2.5–3.0 kg/m ²
3. Top Coat	Sikafloor®-371 TG SF	~0.6–0.7 kg/m ²

Composition	Polyurethane	
Appearance	Slip resistant, semi glossy finish	
Nominal thickness	1.5-3.0mm	
Volatile organic compound (VOC) content	8.4 gm/lt.	(ISO 11890-1: 2024)
Packaging	Please refer to the individual Product Data Sheets	

TECHNICAL INFORMATION

Shore D hardness	68	
Abrasion resistance	18mg (7d, +27 °C, CS17/1000cycle/1000gm)	(ASTM D 4060)
Resistance to impact	Pass (9.81 N.m)	(ASTM D 2794-1993)
Tensile strength	11 MPa	(ASTM D412-2016)
Tensile adhesion strength	2.5MPa (Concrete failure)	(ASTM D 7234-2022)
Lap shear strength	350N	(ASTM D1002-2019)
Tear strength	77 N/mm	(ASTM D624-2000 (RA-2012)
Crack bridging ability	3.0mm (No Cracks observed)	
Chemical resistance	Resistance to many chemicals like skydrol, diesel, petrol, Lubricant Oil (Engine Oil), Kerosene, Hydrochloric Acid 5%, Sulphuric Acid 5%, Sea Water/ Nacl 3%. Please consult with Sika representative for more details.	
Heat resistance	5°C - 60°C	
Skid / Slip resistance	SRV (DRY): 75 SRV (WET): 55	(EN 13036-4-2011)
Water absorption	0.001%	(ASTM D570-2022)
Water permeability	Nil - No penetration observed (Water Permeability at 5 bar for 72h)	(EN 12390-8-2019)
Elongation at break	10%	(ASTM D 412-2016)

APPLICATION INFORMATION

Mixing ratio	Please refer to the individual Product Data Sheets
Consumption	Please refer to the individual Product Data Sheets
Pot life	Please refer to the individual Product Data Sheets
Waiting time / Overcoating	Please refer to the individual Product Data Sheets
Curing treatment	Please refer to the individual Product Data Sheets

Applied product ready for use**Temperature**

+20 °C

+30 °C

Foot traffic

~24 hours

~18 hours

Light traffic

~4 days

~2 days

Full cure

~7 days

~5 days

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

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 DOCUMENTS

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 and maintenance guideline".

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.

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.

Sika India Pvt. Ltd.

620, Diamond Harbour Road
Commercial Complex II
Kolkata - 700 034
West Bengal, India

Contact:

Phone: +91 33 2447 2448
Fax: +91 33 2397 8688
info.india@in.sika.com
www.sika.in



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System Data Sheet

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APPLICATION INSTRUCTIONS**MIXING**

Please refer to the individual Product Data Sheets

APPLICATION

Please refer to the individual Product Data Sheets

CLEANING

Please refer to the individual Product Data Sheets

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.