

SYSTEM DATA SHEET

Sikafloor® MultiFlex PB-56 UV

Polyurethane UV and slip resistant flooring system

DESCRIPTION

Sikafloor® MultiFlex PB-56 UV is a polyurethane, coloured, elastic, UV resistant, crack-bridging, slip-resistant flooring system and is part of the Sikafloor® Multiflex flooring range. It provides a hard wearing, seamless, chemical resistant, low maintenance, slip resistant finish when broadcast with different aggregate grades and sealed with a gloss finish seal coat. Varying thickness's can be achieved from 2,5 –3,5 mm. Internal and external use.

USES

Sikafloor® MultiFlex PB-56 UV may only be used by experienced professionals.

- UV exposed car park decks, garage floors and bridges
- Exposed surfaces requiring UV resistance
- Industrial production areas
- Industrial flooring for Storage, Logistic and Warehouses

CHARACTERISTICS / ADVANTAGES

- Waterproof
- Resistant to UV exposure
- Crack-bridging properties
- · High mechanical resistance
- Good chemical resistance
- Good abrasion resistance
- Textured gloss finish
- Low dirt pick upEasy cleanability
- Seamless
- Slip and skid resistant surface
- Scratch resistant surface
- Easy application
- Low maintenance

SUSTAINABILITY

 Conformity with LEED v2009 IEQc 4.2: Low-Emitting Materials - Paints and Coatings - Sikafloor®-377

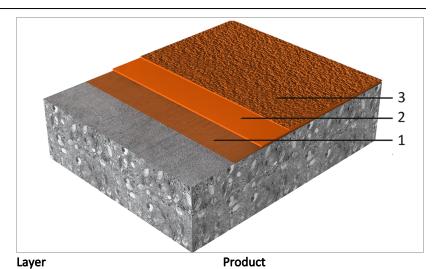
APPROVALS / CERTIFICATES

- CE Marking and Declaration of Performance to EN 1504-2 - Surface protection product for concrete -Coating - Sikafloor®-156, Sikafloor®-160, Sikafloor®-161, Sikafloor®-377, Sikafloor®-359 N
- CE Marking and Declaration of Performance to EN 13813 - Resin screed material for internal use in buildings - Sikafloor®-156, Sikafloor®-160, Sikafloor®-161, Sikafloor®-377, Sikafloor®-359 N

Sikafloor® MultiFlex PB-56 UV October 2020, Version 01.01 020812900000000068

SYSTEMS

System structure



1. Prin	ner	Sikafloor®-150/-151 + Aggregate
		broadcast 0,4–0,8 mm
2. Wea	aring layer	Sikafloor®-376 + Aggregate broad-
		cast 0,4–0,8 mm
3. Seal	/ top coat	Sikafloor®-359 N
Polyur	ethane	
Textur	ed slin resistant gloss finish	

Composition	Polyurethane
Appearance	Textured, slip resistant, gloss finish
Colour	Available in many colours. Please contact our customer service, for information of which colors are sold in Denmark.
Nominal thickness	~2,5–3,5 mm

TECHNICAL INFORMATION

Shore D Hardness	~60 (14 days/+23 °C)	(DIN 53505)
Abrasion resistance	<200 mg (CS 10/1000/1000)	(DIN 53109)
Resistance to wearing	AR 0,5	(DIN EN 13813)
Resistance to impact	Class I	(ISO 6272)
Tensile strength	~11 N/mm²	(EN 53504)
Tensile adhesion strength	> 2 N/mm	(EN 1542)
Reaction to fire	Efl-s1	(EN 13501-1)
Chemical resistance	Sikafloor® MultiFlex PB-56 UV always has to be sealed with Sikafloor®-359 N. Refer to the chemical resistance of Sikafloor®-359 N.	
Permeability to water vapour	Class III	(EN ISO 7783-1)
Capillary absorption	w < 0,01 kg/(m ² x h ^{0,5})	(EN 1062-3)
Permeability to carbon dioxide	S _d ≥ 50 m	(EN 1062-6)
Skid / slip resistance	Class III	(EN 13036-4)



BUILDING TRUST

APPLICATION INFORMATION

Consumption	Layer	Product		Consumption
	1. Primer	Sikafloor	®-150/-151 +	~0,4 kg/m²/layer
		Aggregat 0,4–0,8 r	e broadcast nm	~1,0 kg/m²
	2. Wearing layer	with 1:0, sand 0,1- + Aggreg 0,4–0,8 r	ate broadcast nm	~2,1 kg/m² (resin) + ~0,42 kg/m² (quartz sand) ⁽¹⁾ ~6,0–8,0 kg/m²
	3.Seal / top coat	Sikafloor	®-359 N	~0,7–0,9 kg/m²/layer
	(1) Rz = 0.0; Rz=0,5 2 ,45 kg/m² (resin) + 0 ,49 kg/m² (quartz sand); Rz=1,0 2 ,75 kg/m² (resin) + 0 ,55 kg/m² (quartz sand); Rz-roughness depth; +23 0 C These figures are theoretical and do not allow for any additional material due to surface porosity, surface profile, variations in level or wastage etc.			
Product temperature	+10 °C min. / +30 °C max.			
Ambient air temperature	+10 °C min. / +30 °C max.			
Relative air humidity	80 % max.			
Dew point	The substrate and uncured floor products must be at least +3 °C above dew point to reduce the risk of condensation or surface damage of the floor finish.			
Substrate temperature	+10 °C min. / +30	°C max.		
·	≤ 4 % parts by we Test method: Sik	eight		ment or Oven-dry-meth hylene-sheet).
Substrate moisture content	≤ 4 % parts by we Test method: Sik	eight a®-Tramex meter,		hylene-sheet).
Substrate moisture content	≤ 4 % parts by we Test method: Sik od. No rising mo	eight a®-Tramex meter, sture according to	ASTM (Polyetl	hylene-sheet).
Substrate moisture content	≤ 4 % parts by we Test method: Sik od. No rising moi Temperature +15 °C +20 °C	eight a®-Tramex meter, sture according to Foot traffic	ASTM (Polyetl	hylene-sheet). Full cure
Substrate moisture content	≤ 4 % parts by we Test method: Sik od. No rising moi Temperature +15 °C	eight a®-Tramex meter, sture according to Foot traffic ~48 hours	Light traffic ~5 days	hylene-sheet). Full cure ~10 days
Substrate moisture content	≤ 4 % parts by we Test method: Sik od. No rising mod Temperature +15 °C +20 °C +30 °C Times are approx	eight a®-Tramex meter, sture according to Foot traffic ~48 hours ~24 hours ~16 hours	Light traffic ~5 days ~3 days ~2 days affected by cha	hylene-sheet). Full cure ~10 days ~7 days ~3 days anging ambient condi-
Substrate moisture content Applied product ready for use	≤ 4 % parts by we Test method: Sik od. No rising mod Temperature +15 °C +20 °C +30 °C Times are approx	eight a®-Tramex meter, sture according to Foot traffic ~48 hours ~24 hours ~16 hours simate and will be	Light traffic ~5 days ~3 days ~2 days affected by cha	hylene-sheet). Full cure ~10 days ~7 days ~3 days anging ambient condi-
Substrate temperature Substrate moisture content Applied product ready for use PRODUCT INFORMATION Packaging	≤ 4 % parts by we Test method: Sik od. No rising mode. Temperature +15 °C +20 °C +30 °C Times are approxitions particularly	eight a®-Tramex meter, sture according to Foot traffic ~48 hours ~24 hours ~16 hours simate and will be	Light traffic ~5 days ~3 days ~2 days affected by char relative humid	hylene-sheet). Full cure ~10 days ~7 days ~3 days anging ambient condi-

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

CLEANING

Refer to Sika® Method Statement: Sikafloor®-Cleaning Regime

FURTHER INFORMATION

- Sika® Method Statement: Sikafloor®-Cleaning Regime
 • Sika® Method Statement: Mixing & Applications of



Flooring Systems

- Sika® Method Statement: Evaluation and Preparation of Surfaces for Flooring Systems
- Individual Product Data Sheets within the flooring system

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 the 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 indentations in the resin.
- If temporary 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 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 declared data for this product may vary from country to country. Please consult the local Product Data Sheet for the exact product data.

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 Danmark A/S

Hirsemarken 5 3520 Farum Tlf. +45 48 18 85 85 www.sika.dk







SYSTEM DATA SHEET
Sikafloor® MultiFlex PB-56 UV
October 2020, Version 01.01
02081290000000068

LEGAL NOTES

Any information or suggestions for use concerning Sika's products, which we either in writing or orally have given buyers or end-users of the product, have been given in good faith based on our own experiences and based on approved praxis and the technological and scientific knowledge on the time of giving such suggestions and information, which are given without any type of guarantees, and which do not lead to any further responsibility from Sika Danmark A/S, besides what is stated in the sales agreement in question. The buyer or end-user should themselves investigate or otherwise make sure, that our products are suitable for the use in question and further make sure that the products are kept and used correct and in agreement with the published rules and considering the actual conditions in order to avoid damages or less satisfactory results. Any order is accepted and any deliverance is affected according to the general terms of sales and delivery from Sika Danmark A/S, which are considered known and accepted, and which could be handed out when asked for. Our catalogues are not up-dated automatically. The present product data sheet is only for use in Denmark. Values stated in the present product data sheet should be seen as recommended, unless stated otherwise.

SikafloorMultiFlexPB-56UV-en-DK-(10-2020)-1-1.pdf

