BUILDING TRUST

SYSTEM DATA SHEET

Sikafloor® Traffic 2234 UV

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

PRODUCT DESCRIPTION

Sikafloor® Traffic 2234 UV is a coloured, UV-resistant, crack-bridging polyurethane car park decking system. It provides a hard-wearing, low-maintenance, slip-resistant finish.

USES

Sikafloor® Traffic 2234 UV may only be used by experienced professionals.

The System is used in the following commercial and public buildings and areas:
- Car park decks

The System is used for interior and exterior applications.

CHARACTERISTICS / ADVANTAGES

- Good resistance to abrasion
- Good resistance to UV exposure
- Good crack-bridging ability
- Good mechanical resistance
- Very good yellowing resistance
- Seamless
- Impermeable to liquids

SYSTEM INFORMATION

System Structure	Layer	Product
	1. Primer	Sikafloor®-150 Plus, or Sikafloor®-151, or Sikafloor®-1590
	2. Wearing layer	Sikafloor® M 869 filled 1 : 0.4 with Quartz sand (0.06–0.3 mm) by weight - Broadcast to excess with Quartz sand (0.3–0.8 mm)
	3. Seal coat or top coat	Sikafloor®-359 N
	Contact Sika technical service for information on choosing the right primer for your project.	
Composition	Polyurethane	
Appearance	Slip resistant, matt finish	
Colour	Available in various colour shades.	
Nominal thickness	4.0-5.0 mm	

TECHNICAL INFORMATION

Resistance to Impact	Class I		(EN ISO 6272-1)
Tensile adhesion strength	> 1.5 N/mm²		(EN 1542)
Crack Bridging Ability	Dynamic	Class B 3.2 (-20 °C)	(EN 1062-7)
Reaction to Fire	Class Cfl-s1		(EN 13501-1)
Chemical Resistance	Laboratory defined resistance to many individual chemicals. Before proceeding, contact Sika Technical Services for specific information.		
Skid / Slip Resistance	R11 V4		(DIN 51130)

APPLICATION INFORMATION

Consumption

Layer	Product	Consumption
Primer	Sikafloor®-150 Plus, or Sikafloor®-151, or Sikafloor®-1590	1-2 × 0.3–0.5 kg/m²
Levelling *(if required)*	Sikafloor®-150 Plus, or Sikafloor®-151, or Sikafloor®-1590	Refer to the individual Product Data Sheet.
Quartz sand broadcast	Quartz sand (0.3–0.8 mm)	0.7 kg/m²
Wearing layer	Sikafloor® M 869 filled 1:0.4 with Quartz sand (0.06–0.3 mm) by weight	1.8 kg/m² (resin) + 0.7 kg/m² (quartz sand)
Quartz sand broadcast	Quartz sand (0.3–0.8 mm)	4-6 kg/m²
Seal coat or top coat	Sikafloor®-359 N	0.6-0.8 kg/m²

Note: Consumption data is theoretical and does not allow for any additional material due to surface porosity, surface profile, variations in level, wastage or any other variations. Apply the product to a test area to calculate the exact consumption for the specific substrate conditions and proposed application equipment.

Ambient Air Temperature	Maximum	+30 °C
	Minimum	+10 °C
Relative Air Humidity	Maximum	80 % r.h.
Dew Point	Refer to the individual Product Data Sheet.	
Substrate Temperature	Maximum	+30 °C
	Minimum	+10 °C
Substrate Moisture Content	Refer to the individual Product Data Sheet.	

Waiting Time / Overcoating

When using Sikafloor®-1590 refer to the individual Product Data Sheet for specific information on waiting time to overcoating.
Before applying Sikafloor® M 869 on the primer allow:

Temperature	Minimum	Maximum
+10 °C	17 hours	4 days
+20 °C	9 hours	2 days
+30 °C	7 hours	1 day

Before applying the Sikafloor®-359 N on the broadcasted Sikafloor® M 869 allow:

Temperature	Waiting time
+10 °C	12 hours
+20 °C	9 hours
+30 °C	6 hours

Note: Times are approximate and will be affected by changing ambient conditions, particularly temperature and relative humidity.

Applied Product Ready for Use

Temperature	Foot traffic	Light traffic	Full cure
+10 °C	~48 hours	~5 days	~10 days
+20 °C	~24 hours	~3 days	~7 days
+30 °C	~16 hours	~2 day	~3 days

Note: Times are approximate and will be affected by changing ambient conditions, particularly temperature and relative humidity.

VALUE BASE

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

Refer to the following method statements:
- Sika Method Statement — Evaluation and preparation of surfaces for flooring systems
- Sika Method Statement — Sikafloor® mixing and application

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

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

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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