

## SYSTEM DATA SHEET

# Sikafloor® Traffic-2211 UV

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

## DESCRIPTION

Sikafloor® Traffic-2211 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-2211 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.

## FEATURES

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

## PRODUCT INFORMATION

Packaging

Shelf life

Storage conditions

## TECHNICAL INFORMATION

Resistance to impact	Class I	(EN ISO 6272-1)
Tensile adhesion strength	> 1.5 N/mm <sup>2</sup>	(EN 1542)
Crack bridging ability	Dynamic	Class B 3.2 (-20 °C)
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)

## SYSTEM INFORMATION

<b>System structure</b>	<b>Layer</b>	<b>Product</b>
	1. Primer	Sikafloor®-150 Sikafloor®-151 Sikafloor®-156 Sikafloor®-161 Sikafloor®-1590 Contact Sika technical service for information on choosing the right primer for your project.
	2. Waterproofing membrane	Sikafloor® M 869
	3. Wearing layer	Sikafloor® M 276 filled 1 : 0.2 with Quartz sand (0.1–0.3 mm) Broadcast to excess with Quartz sand (0.3–0.8 mm)
	4. Seal coat or top coat	Sikafloor® TC 681
<b>Composition</b>	Epoxy and Polyurethane	
<b>Appearance</b>	Slip resistant, glossy finish	
<b>Colour</b>	Available in various colour shades.	
<b>Nominal thickness</b>	6.0 mm	

## APPLICATION INFORMATION

<b>Consumption</b>	<b>Layer</b>	<b>Product</b>	<b>Consumption</b>
	Primer	Sikafloor®-150 Sikafloor®-151 Sikafloor®-156 Sikafloor®-161 Sikafloor®-1590	1-2 × 0.3–0.5 kg/m <sup>2</sup>
	Levelling	Sikafloor®-150 Sikafloor®-151 Sikafloor®-156 Sikafloor®-161 Sikafloor®-1590	Refer to the individual Product Data Sheet.
	Quartz sand broadcast	Quartz sand (0.3–0.8 mm)	0.7 kg/m <sup>2</sup>
	Waterproofing membrane	Sikafloor® M 869	1.8 kg/m <sup>2</sup>
	Wearing layer	Sikafloor® M 276 filled 1 : 0.2 with Quartz sand (0.1–0.3 mm)	1.66 kg/m <sup>2</sup> (resin) + 0.33 kg/m <sup>2</sup> (quartz sand)
	Quartz sand broadcast	Quartz sand (0.3–0.8 mm)	4-6 kg/m <sup>2</sup>
	Seal coat	Sikafloor® TC 681	0.5-0.6 kg/m <sup>2</sup>

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 product to a test area to calculate the exact consumption for the specific substrate conditions and proposed application equipment.

<b>Ambient air temperature</b>	Maximum	+30 °C
	Minimum	+10 °C
<b>Relative air humidity</b>	Maximum	80 % r.h.
<b>Dew point</b>	Refer to the individual Product Data Sheet.	

<b>Substrate temperature</b>	Maximum	+30 °C		
	Minimum	+10 °C		
<b>Substrate moisture content</b>	Refer to the individual Product Data Sheet.			
<b>Waiting time to overcoating</b>	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 Sikafloor® M 276 on Sikafloor® M 869 allow:			
	Temperature	Minimum	Maximum	
	+10 °C	12 hours	3 days	
	+20 °C	9 hours	2 days	
+30 °C	6 hours	1 day		
Before applying the Sikafloor® TC 681 on the broadcast Sikafloor® M 276 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.				
<b>Applied product ready for use</b>	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 days	3 days
	Note: Times apply when the last layer of the system has been applied. Times are affected by changing ambient conditions, particularly temperature and relative humidity.			

## 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.

## FURTHER DOCUMENTATION

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

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 exact product data and uses.

## 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.

