

## SYSTEM DATA SHEET

# Sikafloor® Traffic-2231

Slip resistant, broadcast, coloured, epoxy floor coating system

## DESCRIPTION

Sikafloor® Traffic-2231 is an epoxy, coloured resin based floor coating system. It provides a hard wearing, seamless, low maintenance, slip resistant gloss finish when broadcasted with different aggregate grades.

## USES

Sikafloor® Traffic-2231 may only be used by experienced professionals.

The System is used in the following commercial and public buildings and areas:

- Car park decks

Please note:

The System may only be used for interior applications.

## FEATURES

- Good mechanical resistance
- Good resistance to specific chemicals
- Good slip resistance
- Low maintenance

## PRODUCT INFORMATION

Packaging

Shelf life

Storage conditions

## TECHNICAL INFORMATION

Tensile adhesion strength	> 1.5 N/mm <sup>2</sup>	(EN 1542)
Reaction to fire	Class Bfl-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	R12 V4	(DIN 51130)

## SYSTEM INFORMATION

<b>System structure</b>	<b>Layer</b>	<b>Product</b>
	1. Scratch coat & Sand broadcast	Sikafloor®-150 Sikafloor®-151 Sikafloor®-156 Sikafloor®-161 Sikafloor®-1590 Quartz sand 0.3–0.8 mm Contact Sika technical service for information on choosing the right primer for your project.
	2. Seal coat	Sikafloor® TC 374
<b>Composition</b>	Epoxy	
<b>Appearance</b>	Slip resistant, gloss finish	
<b>Colour</b>	Available in various colour shades	
<b>Nominal thickness</b>	2 mm to 3 mm	

## APPLICATION INFORMATION

<b>Consumption</b>	<b>Layer</b>	<b>Product</b>	<b>Consumption</b>	
	Scratch coat	Sikafloor®-150 Sikafloor®-151 Sikafloor®-156 Sikafloor®-161 Sikafloor®-1590 filled 1 : 1 with quartz sand 0.1–0.3 mm	1 × 1.5 kg/m <sup>2</sup>	
	Broadcast in excess	Quartz sand (0.3–0.8 mm)	4-5 kg/m <sup>2</sup>	
	Seal or Top Coat	Sikafloor® TC 374	0.6-0.7 kg/m <sup>2</sup>	
<b>Ambient air temperature</b>	Maximum	+30 °C		
	Minimum	+10 °C		
<b>Relative air humidity</b>	Maximum	80 % r.h. max.		
<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>	Before applying Sikafloor® TC 374 on the scratch coat, allow:			
	<b>Temperature</b>	<b>Minimum</b>	<b>Maximum</b>	
	+10 °C	~24 hours	~3 days	
	+20 °C	~12 hours	~48 hours	
+30 °C	~8 hours	~24 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>	<b>Temperature</b>	<b>Foot traffic</b>	<b>Light traffic</b>	<b>Full cure</b>
	+10 °C	~48 hours	~6 days	~10 days
	+20 °C	~24 hours	~4 days	~7 days
	+30 °C	~20 hours	~48 hours	~5 days
Note: Times apply when the last layer of the system has been applied.				

## 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

- Sika® Method Statement: Evaluation and preparation of surfaces for flooring systems
- Sika® Method Statement: Mixing and application of flooring systems

## 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.