

SYSTEM DATA SHEET

Sikafloor® MultiDur ET-31 V

Textured coloured epoxy roller coat system with high chemical and mechanical resistance on vertical surfaces

SIKA NZ
APPROVED
CONTRACTOR
ONLY

DESCRIPTION

Sikafloor® MultiDur ET-31 V is a textured, coloured, rigid coating system based on epoxy resins. It provides a hard wearing, seamless, low maintenance gloss finish with high chemical and mechanical resistance for vertical surfaces

USES

Sikafloor® MultiDur ET-31 V may only be used by experienced professionals.

The System is used in industrial buildings such as:

- Bunding areas
- Chemical and processing facilities

Please note:

- The System may only be used for interior applications.

CHARACTERISTICS / ADVANTAGES

- Good resistance to abrasion
- Very good resistance to specific chemicals
- Very good mechanical resistance
- Seamless

SYSTEM INFORMATION

System Structure	Layer	Product
	Primer	Sikafloor®-150 or Sikafloor®-151
	Wearing layer	Sikafloor®-381 + 2,5–4 % Sika® Extender T by weight
Composition	Epoxy	
Appearance	Textured, gloss finish	
Colour	Cured system colour	Available in various colour shades.
Nominal thickness	1.5 mm to 2 mm	

TECHNICAL INFORMATION

Tensile Adhesion Strength	≥ 1.5 MPa	(EN 1542)
Chemical Resistance	Sikafloor®-381 provides the chemical resistance. Refer to Product Data Sheet. Note: The exposed aggregates can be affected through various chemicals. A surface finish of an acrylic dispersion as a protection and maintenance layer is recommended.	

APPLICATION INFORMATION

Consumption	Layer	Product	Consumption
	Primer	Sikafloor®-150 or Sikafloor®-151	1–2 × ~0.3-0.5 kg/m ²
	Wearing layer	Sikafloor®-381 + 2.5–4 % Sika® Extender T by weight	2 × ~1.25 kg/m ²

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.

Ambient Air Temperature	Maximum	+30 °C
	Minimum	+10 °C

Relative Air Humidity	Maximum	80 % r.h. max.
------------------------------	---------	----------------

Dew Point	Refer to the individual Product Data Sheet.	
------------------	---	--

Substrate Temperature	Maximum	+30 °C
	Minimum	+10 °C

Substrate Moisture Content	≤ 4% pbw using Sikafloor®-150. Test method: Sika®-Tramex meter, CM - measurement or Oven-dry-method. No rising moisture according to ASTM (Polyethylene-sheet). Osmosis caused by rising moisture or incorrect primer application is not covered by the product warranty. Substrates above 4% but less than 6% pbw maybe primed using Sikafloor®-151, Please note Sikafloor-151 offers no protection against rising moisture.	
-----------------------------------	--	--

Waiting Time / Overcoating	Before applying Sikafloor®-381 on Sikafloor®-150/-151 allow:		
	Temperature	Minimum	Maximum
	+10 °C	~24 hours	~4 days
	+20 °C	~12 hours	~48 hours
	+30 °C	~8 hours	~24 hours
	Before applying Sikafloor®-381 on Sikafloor®-381 allow:		
	Temperature	Minimum	Maximum
	+10 °C	~24 hours	~72 hours
	+20 °C	~18 hours	~48 hours
	+30 °C	~12 hours	~24 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	~24 hours	~3 days	~10 days
+20 °C	~18 hours	~2 days	~7 days
+30 °C	~12 hours	~24 hours	~5 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 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 — Sikafloor® and Sikagard® evaluation and preparation of surfaces
- Sika Method Statement — Sikafloor® mixing and application

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.

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. It may be necessary to adapt the above disclaimer to specific local laws and regulations. Any changes to this disclaimer may only be implemented with permission of Sika® Corporate Legal in Baar.

Sika (NZ) Limited

85-91 Patiki Road
Avondale, Auckland 1026
New Zealand
0800 745 269
www.sika.co.nz



SYSTEM DATA SHEET

Sikafloor® MultiDur ET-31 V
October 2022, Version 03.01
020811900000000032

SikafloorMultiDurET-31V-en-NZ-(10-2022)-3-1.pdf