

SYSTEM DATA SHEET

Sikafloor® MultiDur EB-14

High build Broadcast textured non slip pigmented epoxy floor coating

DESCRIPTION

Sikafloor® MultiDur EB-14 is a textured, multi-purpose high build floor coating system.

It is an economical option for a range of Commercial and Industrial applications where slip resistance is important, particularly wet areas.

USES

Sikafloor® MultiDur EB-14 may only be used by experienced professionals.

- Automotive washbays
- Food and Beverage processing- wet, light to medium duty
- Bars - servery areas
- Back-of-house Commercial
- Car Parks - wet zones and ramp ways

CHARACTERISTICS / ADVANTAGES

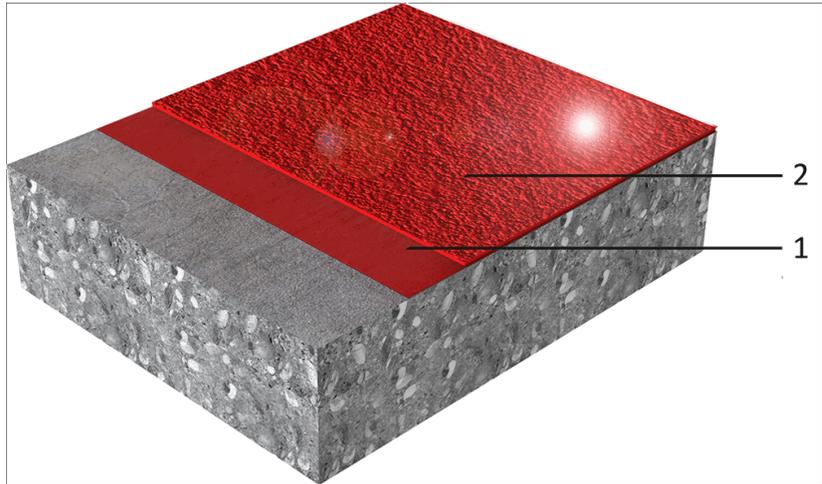
- Textured finish P3 to P5
- Good chemical and mechanical resistance
- Pigmented - range of colours
- Easy application
- Economical
- Gloss finish

APPROVALS / CERTIFICATES

- VOC compliance as per Australian Standards Test ASTM D3960 GreenStar V2 IEQ-13 and V1 IEQ-11
- Slip resistance - Textures comply with Australian Standards P Ratings AS 4586-2013
- Slip resistance certificate according to DIN 51130, class R11 V4, Report No.020108-13-16, Roxeler Institute, October 2013, Germany
- Slip resistance certificate according to DIN 51130, class R12 V6, Report No.020108-13-18, Roxeler Institute, October 2013, Germany
- Certified as Surface Protection System OS 8 according to DIN EN 1504-2 and DIN V 18026.
- Fire - Critical Radiant Flux - Pass AS/ISO 9239.1 AP VS0209 Appendix B
- APAS Certification APAS 0209/1(Sikafloor 160)

SYSTEM INFORMATION

System structure



Sikafloor® MultiDur EB-14 system (~ 1.5-2mm)

1. Scratch coat & broadcast	Sikafloor®-161/-160 & broadcast with quartz sand 0.4–0.7 mm
2. Wearing coats	Sikafloor®-264 x 2

Composition	Epoxy
Appearance	Slip resistant, gloss finish
Colour	Available in colours of RAL range on request. Standard Colours : Light Grey 7035, Pebble Grey 7032, Koala Grey, N45, Window Grey 7040, Dusty Grey 7037, Oxide Red 3009, Sky Blue 5015, Dahlia Yellow 1033.
Nominal thickness	~1.5–2mm

TECHNICAL INFORMATION

Chemical resistance	Please refer to the chemical resistance chart of Sikafloor®- 264	
Temperature resistance	Exposure*	Dry heat
	Permanent	+50 °C
	Short-term max. 7 d	+80 °C
	Short-term max. 12 h	+100 °C
	Short-term moist/wet heat* up to +80 °C where exposure is only occasional (i.e. during steam cleaning etc.)	
	*No simultaneous chemical and mechanical exposure.	
Skid / slip resistance	P3 30/60 Broadcast Agg.	AS 4586-2013
	P4 - 5 18/40 Broadcast Agg.	AS 4586-2013

APPLICATION INFORMATION

Consumption	Sikafloor® MultiDur EB-14 system (~ 2–3 mm)			
	Coating System	Product	Consumption	
	Primer	1 × Sikafloor®-160/-161	~0.25-0.35 kg/m ²	
	Scratch Coat (If required)	Sikafloor®-161 filled 1:0.5 filler 503	1 kg/m ²	
	Broadcast in excess	quartz sand 0.4–0.7 mm	~3-4 kg/m ²	
	First seal coat	1 × Sikafloor®-264	~0.55–0.65 kg/m ² (2.2-2.5m ² /litre)	
	Second seal coat	1 × Sikafloor®-264	~0.25–0.30 kg/m ² (4.7-5.5m ² /litre)	
Material temperature	Please refer to the individual Product Data Sheet			
Ambient air temperature	+10 °C min. / +30 °C max.			
Relative air humidity	80 % r.h. max.			
Dew point	Beware of condensation! The substrate and uncured floor must be at least 3 °C above dew point to reduce the risk of condensation or blooming on the floor finish.			
Substrate temperature	+10 °C min. / +30 °C max.			
Substrate moisture content	When performing application work with Sikafloor® MultiDur EB-14, the substrate moisture content must not exceed 4 % pbw measured by Tramex. Test method: Sika®-Tramex meter, CM - measurement or Oven-dry-method. No rising moisture according to ASTM (Polyethylene-sheet). Use Sikafloor 161 Primer for moisture to 6%pbw. For >6%pbw use EpoCem 81.			
Waiting time to overcoating	Before applying Sikafloor®-264 on Sikafloor®-156/-161/-160 allow:			
	Substrate temperature	Minimum	Maximum	
	+10 °C	24 hours	3 days	
	+20 °C	12 hours	2 days	
	+30 °C	8 hours	1 day	
	Before applying Sikafloor®-264 on Sikafloor®-264 allow:			
	Title 1Substrate tem- perature	Minimum	Maximum	
	+10 °C	30 hours	48 hours	
	+20 °C	24 hours	24 hours	
	+30 °C	16 hours	30 hours	
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	~ 72 hours	~ 6 days	~ 10 days
	+20 °C	~ 24 hours	~ 4 days	~ 7 days
	+30 °C	~ 18 hours	~ 2 days	~ 5 days

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 INFORMATION

- Sika® Method Statement Mixing & Applications of Flooring systems
- Sika® Method Statement Evaluation and Preparation of Surfaces for Flooring systems

IMPORTANT CONSIDERATIONS

- Do not apply Sikafloor® MultiDur EB-14 on substrates with rising moisture.

- Freshly applied Sikafloor® MultiDur EB-14 must be protected from damp, condensation and water for at least 24 hours.
- The incorrect assessment and treatment of cracks may lead to a reduced service life and reflective cracking.
- For exact colour matching, ensure the Sikafloor®-264 in each area is applied from the same control batch numbers.
- Under certain conditions, underfloor heating or high ambient temperatures combined with high point loading, may lead to imprints in the resin.
- If 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.

ECOLOGY, HEALTH AND SAFETY

For information and advice on the safe handling, storage and disposal of chemical product, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, toxicological and other safety related data.

MAINTENANCE

CLEANING

Please refer to the Method Statement Sikafloor®-Cleaning Regime

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.

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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System Data Sheet
 Sikafloor® MultiDur EB-14
 April 2023, Version 03.02
 020811900000000055

SikafloorMultiDurEB-14-en-AU-(04-2023)-3-2.pdf

