

PRODUCT DATA SHEET

Sikadur[®]-188 Rapid

2-part epoxy primer, solvent free, fast curing

PRODUCT DESCRIPTION

Sikadur[®]-188 Rapid is a fast curing, two part, transparent and solvent free epoxy primer with excellent surface penetration properties

USES

Sikadur[®]-188 Rapid may only be used by experienced professionals.

- As fast curing primer and scratch coat for the use underneath torched bitumen sheet membranes and spray applied liquid membranes in bridgedeck waterproofing systems
- As a fast curing primer in industrial and ecorative flooring systems

CHARACTERISTICS / ADVANTAGES

- Fast curing
- Solvent free
- Low VOC content and emission
- Excellent substrate penetration
- Excellent adhesion to concrete
- Easy to apply
- Multi purpose system
- Transparent

ENVIRONMENTAL INFORMATION

Conformity with LEED v2009 IEQc 4.2: Low-Emitting Materials - Paints and Coatings

APPROVALS / STANDARDS

- Hartl Ges.m.b.H., test report 2-26903/1, Initial testing of the epoxy primer Sikadur[®]-188 Rapid according RVS 15.03.11:2003
- KIWA, test report 9277-1, Additional initial type testing, according EN 1504-2

PRODUCT INFORMATION

Chemical Base	Solvent-free epoxy resin	
Packaging	Comp A	24 kg
	Comp B	6 kg
Shelf Life	Part A	24 months
	Part B	24 months
Storage Conditions	From date of production, stored properly in closed, sealed undamaged and original packaging, in dry conditions, at temperatures between +5 °C and +30 °C Protect from direct sun light and frost	
Colour	Transparent	

Density	Part A	1.14 g/cm ³	(EN ISO 2811-1:2011-06)
	Part B	1.00 g/cm ³	
Solid content by mass	~100%		
Viscosity	Part A	~562 mPa s	(EN ISO 3219:1994-10)
	Part B	~45 mPa s	
Tensile adhesion strength	> 1.5 N/mm ² to concrete		(ISO 4624)

APPLICATION INFORMATION

Mixing Ratio	Part A : Part B = 4 : 1 by weight		
Consumption	~0.45 kg/m ² per layer		
Ambient Air Temperature	+5 °C min. / +40 °C max.		
Relative Air Humidity	80 % max.		
Dew Point	Beware of condensation. The substrate must be at least +3 °C above dew point to reduce the risk of condensation and to avoid blushing.		
Substrate Temperature	+5 °C min. / +40 °C max.		
Substrate Moisture Content	≤ 4 % according to CM-Method or Oven-dry Method ≤ 6 % according to Tramex Meter No rising moisture		
Pot Life	Temperature	Pot Life	
	+10 °C	~30 min	
	+20 °C	~20 min	
	+30 °C	~10 min	
Waiting Time / Overcoating	Temperature	Min. waiting time	Max. waiting time
	+10 °C	~12 h	~48 h
	+20 °C	~ 6 h	~24 h
	+30 °C	~3 h	~16 h

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.

LIMITATIONS

- Do not apply Sikadur®-188 Rapid on moist substrates
- Freshly applied Sikadur®-188 Rapid shall be protected from damp, condensation and water for at least 12 hours at +20 °C
- If heating is required do not use gas, oil, paraffin or other fossil heaters. These produce large quantities of CO₂ and H₂O vapor, which may influence curing and cause blooming. For heating only use electric powered warm air blowing system

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 con-

tains physical, ecological, toxicological and other safety-related data.

APPLICATION INSTRUCTIONS

MIXING

Prior to mixing stir part A. When all of part B has been added mix continuously for min. 3 minutes until a uniform mix is achieved. Use low speed electrical stirrer (300-400 rpm) to avoid the entrapment of air. To ensure proper mixing pour material into a clean container and stir again.

At temperatures above +25 °C it is recommended to divide the mixture in min. 2 containers.

CLEANING OF TOOLS

Clean all tools and application equipment with Sika® Thinner C immediately after use. Hardened or cured material can only be removed mechanically

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.

SIKA LIMITED

Watchmead
Welwyn Garden City
Hertfordshire, AL7 1BQ
Tel: 01707 394444
Web: www.sika.co.uk
Twitter: @SikaLimited



Product Data Sheet
Sikadur®-188 Rapid
December 2023, Version 01.01
020706401000000027

Sikadur-188Rapid-en-GB-(12-2023)-1-1.pdf

