

## Product Data Sheet

# Sikafloor®-155 W

## Primer



**Description** Solvent-free, water thinnable 2-component primer on epoxy base.

**Uses** *As primer and adhesive promoter on properly prepared:*

- Concrete
- Cementitious screeds
- Hard concrete slabs without wearing layer
- Old epoxy floor coatings
- EpoCem levelling layers

*Underneath:*

- Sikafloor-81 EpoCemNew
- Sikafloor-350 Elastic
- Sikafloor-351 Thixo

**Advantages**

- Easy and fast to apply
- Solvent- free according to KEL-CH
- Water thinnable
- Long potlife
- Odourless
- Excellent bondstrength in the whole application temperature range (+10°C to +30°C)

**Coating System** Consumption 0.3 - 0.5 kg/m<sup>2</sup>, depending on substrate conditions.

- Sikafloor-155 W, diluted with 10 % water: underneath Sikafloor-81 EpoCem New
- Sikafloor-155 W, neat: underneath Sikafloor-350 Elastic, Sikafloor-351 Thixo

## Technical Data

**Colour range** Oxide red (approx. RAL 3009)

**Mixing ratio** Comp. A : Comp. B = 2 : 1 (parts by weight)

**Density** (at 23°C)

Comp. A	~ 1.8 kg/l
Comp. B	~ 1.0 kg/l
Comp. A+B	~ 1.5 kg/l

**Solid content** 52% by volume

**Reactivity**  
(75% r.h.)

		10°C	20°C	30°C
Potlife		~ 60 min.	~ 40 min.	~ 20 min.
Caution: expiry of potlife without visible change				
Can be overcoated after	min.	48 hrs.	18 hrs.	15 hrs.
	max.	4 days	2 days	1 day

<b>Packaging</b>	10 kg ready for use units (Comp. A+B) 30 kg ready for use units (Comp. A+B)
<b>Shelf life / Storage</b>	Stored in dry conditions below +30°C in unopened original container shelf life is at least 18 months from date of production. Protect from frost!

## Application

<b>Substrate</b>	Structurally sound, dry or mat moist, clean, free from oil, grease, loose particles, laitance. Compressive strength at least 25 N/mm <sup>2</sup> , adhesive tensile strength minimum 1.5 N/mm <sup>2</sup> . Uneven areas must first be smoothed with Sikagard-720 EpoCem or completely levelled with Sikafloor-81 EpoCem New, or Sikafloor-82 EpoCem New.
<b>Substrate preparation</b>	Weak layers as well as contaminations must be mechanically removed, e.g. by blasting or cutting. Dust has to be completely removed.
<b>Mixing</b>	First, stir Comp. A thoroughly with electric stirrer, then, add Comp. B in correct proportion and mix for 3 minutes at low rpm.
<b>Application</b>	Apply Sikafloor-155 W either by suitable brush, roller or trowel and overwork with a roller.  <b>Caution:</b> End of potlife not noticeable! Please keep within the limits mentioned above.
<b>Cleaning</b>	Application tools must be immediately cleaned with water. Hardened material can only be mechanically removed. Hands and skin must be washed immediately and thoroughly with warm soap water.
<b>Limits</b>	<ul style="list-style-type: none"> <li>- Min. substrate temperature +10°C</li> <li>- Max. substrate temperature +30°C</li> <li>- Max. moisture content of substrate less than 4% (except underneath Sikafloor EpoCem)</li> <li>- Observe dew-point</li> <li>- Max. relative air humidity 75%</li> <li>- Apply following coats only to tack free primer after approx. 18 hrs. (at 20°C)</li> <li>- Waiting time between the application steps max. 2 days (at 20°C)</li> <li>- <b>At low temperatures and/or high humidity curing speed will be extremely slow.</b></li> </ul>

## Safety Instructions

<b>Safety precautions</b>	This product may cause skin irritation. Wear gloves and goggles and apply barrier cream to hands. In contact with eyes or mucous membrane flush immediately with plenty of clean, warm water and seek medical attention without delay.
<b>Ecology</b>	In liquid state Sikafloor-155 W contaminates water and may therefore not be disposed of into water or soil but according to local regulations.
<b>Toxicity</b>	Comp. A+B: Class 4 under the relevant Swiss Health and Safety Codes.
<b>Transport</b>	Comp. A+B: Non-hazardous.

### In case of doubt, always follow the directions given on the pack or label.

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 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 proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users should always refer to the most recent issue of the Technical Data Sheet for the product concerned, copies of which will be supplied on request.



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