

PRODUCT DATA SHEET

Sikafloor®-54 Booster

EPOXY RESIN ACCELERATOR

PRODUCT DESCRIPTION

Sikafloor®-54 Booster is a fast curing agent designed to accelerate the curing of Sikafloor® epoxy based primers.

USES

Sikafloor®-54 Booster installation works to be carried out only by Sika Approved Contractors. Please observe information given by Product Data Sheets.

- Accelerator to shorten the curing time of Sikafloor®-156 and Sikafloor®-161

CHARACTERISTICS / ADVANTAGES

- fast curing applications for new built floors, maintenance and refurbishment projects

PRODUCT INFORMATION

Chemical Base	Curing agent catalyst based on tertiary amine
Packaging	Box of 10 × 150 ml bottles
Shelf Life	24 months from date of production
Storage Conditions	The product must be stored properly in original, unopened and undamaged sealed packaging, in dry conditions at temperatures between +5 °C and +30 °C.
Density	~0.98 kg/l (DIN EN ISO 2811-1)

APPLICATION INFORMATION

Mixing Ratio	Workable dosage:	
	Sikafloor®-156	Add 300 g (2 bottles) of Sikafloor®-54 Booster for 10 kg Sikafloor®-156
	Sikafloor®-161	Add 150 g (1 bottle) of Sikafloor®-54 Booster for 10 kg Sikafloor®-161
Ambient Air Temperature	Refer to the specific product data sheet	
Relative Air Humidity	Refer to the specific product data sheet	

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.

Note: Low temperatures and high humidity conditions increase the probability of blooming.

Substrate Temperature

Refer to the specific product data sheet

Substrate Moisture Content

< 4 % pbw moisture content using the Sika®-Tramex meter (at the time of application).

Test method: Sika®-Tramex meter, CM-measurement or oven-dry-method. No rising moisture according to ASTM (Polyethylene-sheet).

Waiting Time / Overcoating

When Sikafloor®-54 Booster is added to Sikafloor®-156 /-161 allow:

Air temperature	Minimum
+10 °C	13 hours
+20 °C	4 hours

Times are approximate and will be affected by changing ambient conditions particularly temperature and relative humidity.

APPLICATION INSTRUCTIONS**MIXING**

Add Sikafloor®-54 Booster to Sikafloor®-156 /-161 on site at the time of application. Prior to mixing, stir part A mechanically. When all of part B has been added to part A, mix continuously for 3 minutes until a uniform mix has been achieved. When parts A and B have been mixed, add the Sikafloor®-54 Booster and mix for another further 2 minutes until a uniform mix has been achieved. To ensure thorough mixing pour materials into another container and mix again to achieve a consistent mix. Over mixing must be avoided to minimise air entrainment.

Mixing Tools

Use a low speed electric stirrer (300 - 400 rpm) or other suitable equipment.

CLEANING OF TOOLS

Refer to the specific product data sheet

LIMITATIONS

- Over dosage of Sikafloor®-54 Booster leads to inadequate performance, like embrittlement.
- Due to the increased yellowing and loss of gloss under certain application conditions the use of Sikafloor®-54 Booster is only recommended for primer formulations

CAUTION: The temperature of a boosted epoxy resin can raise to more than 100 °C within a very short time, approx. 25 min instead of approx. 50 min in a normal epoxy resin at air temperature 20 °C. If the material is kept in pails instead of being spread out on the substrate it may start generating smoke due to overheating.

VALUE BASE

All technical data stated in this Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

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 the exact product data and uses.

ECOLOGY, HEALTH AND SAFETY

Local safety regulations must be observed and it advisable to wear PPI when working with this product with particular attention paid to cutting and handling.

Transportation Class: The product is not classified as hazardous good for transport. Disposal: The material is recyclable. Disposal must be according to local regulations. Please contact your local Sika sales organisation for more information.

DIRECTIVE 2004/42/CE - LIMITATION OF EMISSIONS OF VOC

According to the EU Directive 2004/42/CE, the maximum allowed content of VOC (product category IIA / j type sb) is 500 g/l (Limits 2010) for the ready to use product.

The maximum content of Sikafloor®-54 Booster is < 500 g/l VOC for the ready to use product.

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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