

## PRODUCT DATA SHEET

# Sikafloor® Comfort Adhesive

Two-part polyurethane adhesive as part of the Sika ComfortFloor® flooring range

### PRODUCT DESCRIPTION

Sikafloor® Comfort Adhesive is a two-part, solid, low-VOC polyurethane adhesive. It is used to adhere Sikafloor® Comfort Regupol-6015 H and Sikafloor® Comfort Regupol-4580 sound insulating rubber crumb mats.

### USES

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

Sikafloor® Comfort Adhesive is a durable, high-quality adhesive, used to permanently adhere prefabricated granular rubber on concrete and cementitious screeds.

Please note:

- The Product may only be used by experienced professionals.
- The Product may only be used for interior applications.

### PRODUCT INFORMATION

<b>Chemical Base</b>	Polyurethane	
<b>Packaging</b>	Container Part A	17.0 kg
	Container Part B	3.0 kg
	Container Part A + Part B	20.0 kg
	Refer to the current price list for available packaging variations.	
<b>Shelf Life</b>	12 months from date of production	

### CHARACTERISTICS / ADVANTAGES

- Good bond strength
- Low VOC emissions
- No shrinkage after curing
- Easy to apply

### ENVIRONMENTAL INFORMATION

- Environmental Product Declaration (EPD) in accordance with EN 15804. EPD independently verified by Institut für Bauen und Umwelt e.V. (IBU)

### APPROVALS / STANDARDS

- Indoor Air Comfort Gold EN 16516, eurofins, No. IACG-439-01-05-2022

## Storage Conditions

The Product must be stored in original, unopened and undamaged sealed packaging in dry conditions at temperatures between +5 °C and +30 °C. Always refer to the packaging.  
Refer to the current Safety Data Sheet for information on safe handling and storage.

Appearance / Colour	Part A	light grey	
	Part B	brown, transparent	
	Cured colour	light grey	
Density	Mixed Product	~ 1.30 kg/l	(EN ISO 2811-1)
Solid content by mass	100 %		
Solid content by volume	100 %		

## TECHNICAL INFORMATION

Shore A Hardness	Cured 14 days at +23 °C	~93	(EN ISO 868)
Tensile Strength	Cured 14 days at +23 °C	9 N/mm <sup>2</sup>	(DIN 53504)
Elongation at Break	Cured 14 days at +23 °C	~ 50 %	(DIN 53504)
Tensile adhesion strength	> 1.5 N/mm <sup>2</sup> (failure in concrete)		(EN 1542)

## APPLICATION INFORMATION

Mixing Ratio	Part A : Part B (by weight)	85 : 15
Consumption	Unfilled	~ 0.45–0.90 kg/m <sup>2</sup>
Product Temperature	Maximum	+30 °C
	Minimum	+10 °C
Ambient Air Temperature	Maximum	+30 °C
	Minimum	+10 °C
Relative Air Humidity	Maximum	80 % r.h.
Dew Point	Beware of condensation. The substrate and uncured applied product must be at least +3 °C above dew point to reduce the risk of condensation on the surface of the applied product.	
Substrate Temperature	Maximum	+30 °C
	Minimum	+10 °C
Substrate Moisture Content	Refer to the individual primer Product Data Sheet.	
Pot Life	+10 °C	~ 60 minutes
	+20 °C	~ 45 minutes
	+30 °C	~ 30 minutes
Waiting Time / Overcoating	Before overcoating the Product, allow:	
	<b>Temperature</b>	<b>Minimum</b> <b>Maximum</b>
	+10 °C	180 min                      360 min
	+20 °C	90 min                      180 min
	+30 °C	60 min                      90 min
Note: Times are approximate and will be affected by changing ambient conditions, particularly temperature and relative humidity.		

## Applied Product Ready for Use

Temperature	Minimum	Maximum
+10 °C	12 hours	60 hours
+20 °C	8 hours	36 hours
+30 °C	6 hours	24 hours

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.

## 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.

## FURTHER DOCUMENTS

Refer to the following method statements:

- Sika Method Statement — Evaluation and preparation of surfaces for flooring systems
- Sika Method Statement — Sikafloor® mixing and application

## 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.

## APPLICATION INSTRUCTIONS

### EQUIPMENT

#### MIXING EQUIPMENT

- Electric double-paddle mixer (> 700 W, 300 rpm to 400 rpm)

#### APPLICATION EQUIPMENT

- Metal trowel

### SUBSTRATE QUALITY

Cementitious substrates must be structurally sound and of sufficient compressive strength (minimum 25 N/mm<sup>2</sup>) with a minimum tensile strength of 1.5 N/mm<sup>2</sup>.

Substrates must be clean, dry and free of contaminants such as dirt, oil, grease, coatings, laitance, surface treatments and loose friable material.

## MIXING

1. Prior to mixing all parts, mix Part A (resin) using an electric single paddle mixer. Mix liquid until a uniform mix has been achieved.
2. Add Part B (hardener) to Part A.
3. **IMPORTANT** Do not mix excessively. Mix Part A + B continuously for ~3 minutes until a uniform mix is achieved.
4. During the final mixing stage, scrape down the sides and bottom of the mixing container with a flat or straight edge trowel at least once to ensure complete mixing.

## APPLICATION

### IMPORTANT

#### **Strictly follow installation procedures**

Strictly follow installation procedures as defined in Method Statements, application manuals and working instructions which must always be adjusted to the actual site conditions.

### IMPORTANT

#### **Foaming due to water contact of uncured material**

Uncured material reacts with water of any kind, which leads to foaming.

1. During the application, wear head and wrist bands to avoid sweat falling onto the uncured material.

### IMPORTANT

#### **No application on rising moisture**

Do not apply on substrates with rising moisture.

### IMPORTANT

#### **Damaged finish due to heating with fossil fuel heaters**

Fossil fuel heaters powered by gas, oil or paraffin produce large quantities of both carbon dioxide and water vapour, which may adversely affect the finish.

1. For temporary heating, use only electrically powered warm air blower systems. Do not use gas, oil, paraffin or other fossil fuel heaters.
1. Pour the mixed Product onto the substrate. For the consumption, refer to Application Information.
2. Apply the Product evenly over the surface with a metal trowel.

## CLEANING OF TOOLS

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

## 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.

## 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 IRELAND LIMITED

Ballymun Industrial Estate  
Ballymun  
Dublin 11, Ireland  
Tel: +353 1 862 0709  
Web: [www.sika.ie](http://www.sika.ie)  
Twitter: @Sikalreland



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