

## PRODUCT DATA SHEET

# Sikafloor®-322 Transport

self levelling 2-component polyurethane floor resin

**TYPICAL PRODUCT DATA (FURTHER VALUES SEE SAFETY DATA SHEET)**

Properties	Sikafloor®-322 Transport (A)	Sikafloor®-322 Transport (B)
<b>Chemical Base</b>	2-component Polyurethane	
<b>Color (CQP001-1)</b>	Grey	Transparent
	mix	Grey (RAL7037)
<b>Density</b>	1.5 kg/l	1.2 kg/l
	mix	1.4 kg/l
<b>Solid Content</b>	100 %	
<b>Mixing Ratio</b>	by weight	79 : 21
<b>Coverage</b>	1 mm	1.4 kg/m <sup>2</sup>
<b>Application Temperature</b>	climate and substrate	15 – 30 °C <sup>A, B</sup>
<b>Shore D Hardness (CQP023-1 / ISO 48-4)</b>	67	
<b>Tensile Strength (DIN 53504)</b>	20 MPa	
<b>Elongation at Break (DIN 53504)</b>	100 %	
<b>Pot-Life</b>	10 °C	30 minutes
	20 °C	21 minutes
	30 °C	18 minutes
<b>Shelf Life</b>	6 months <sup>C</sup>	

CQP = Corporate Quality Procedure

<sup>A</sup> substrates must be 3 °C above the dew point

<sup>B</sup> max. 80 % r.h.

<sup>C</sup> stored in sealed container in right-up position in a dry place between 5 and 30 °C, protected from direct sunlight

**DESCRIPTION**

Sikafloor®-322 Transport is a self-levelling 2-component polyurethane floor resin. It is specially designed for internal flooring in truckbody and trailers.

**PRODUCT BENEFITS**

- Excellent working characteristics
- Good mechanical resistance
- Very low VOC emission
- Solvent-free (ISO16001-6)
- Permanent elastic
- Standard color grey (RAL7037)

**AREAS OF APPLICATION**

Sikafloor®-322 Transport is designed for internal flooring in truckbody and trailers. It can be used on substrates like plywood and GFRP (lay-up and gelcoat side).

This product is suitable for experienced professional users only. Test with actual substrates and conditions have to be performed to ensure adhesion and material compatibility.

## CURE MECHANISM

The curing of Sikafloor®-322 Transport takes place by a chemical reaction of the two components.

Higher temperatures speed up and lower temperatures slow down the curing process.

## CHEMICAL RESISTANCE

For advice on chemical resistance, contact the Technical Department of Sika Industry.

## METHOD OF APPLICATION

### Surface Preparation

Sikafloor®-322 Transport is installed on top of a layer of Sikafloor®-122 Transport Primer. All dust, loose and friable material must be completely removed from all surfaces before application. The application area must be protected against weather to fulfill the referenced substrate and climatic conditions.

### Mixing Process

Prior to mixing both components, stir part A mechanically with a proper metal mixing paddle, suited for mixing 2-component polyurethane resins, to a uniform consistency. Add part B and mix continuously for 3 minutes until a uniform mix has been achieved. To ensure a homogenous mixture pour material into another container and mix again for at least 1 minute.

Mix with mixing paddles not higher than 300 rpm's to minimize air entrapment.

### Application

Sikafloor®-322 Transport is poured and spread evenly by means of a notched trowel or pinrake. In critical areas a spike roller can be used to improve levelling properties. For deeper sections (e.g. unevenness), it might be necessary to pre-level these in advance and let it cure first before finishing. Always consider the pot life to keep a wet edge.

Prior to application, always consult the most current corresponding Application Manual.

## Curing

Indications regarding curing details see table below.

Temperature	Foot traffic	Light traffic <sup>A</sup>	Full cure
10 °C	24 hours	48 hours	72 hours
20 °C	18 hours	24 hours	60 hours
30 °C	16 hours	18 hours	48 hours

<sup>A)</sup> food trolleys and light rolling equipment on soft wheels

## Removal

Uncured Sikafloor®-322 Transport can be removed from tools and equipment with Sika® Colma Cleaner or another suitable solvent. Once cured, the material can only be removed mechanically.

Hands and exposed skin have to be washed immediately using hand wipes such as Sika® Cleaner-350H or a suitable industrial hand cleaner and water.

Do not use solvents on skin.

## Application Limits

Freshly applied Sikafloor®-322 Transport must be protected from damp, condensation and waterload for at least 5 days.

Uncured material reacts in contact with water (foaming).

## STORAGE CONDITIONS

Sikafloor®-322 Transport has to be kept between 5 °C and 30 °C in a dry place. Do not expose to direct sunlight.

After opening of the packaging, the content need to be protected against moisture.

Minimum temperature during transportation is 5 °C.

## FURTHER INFORMATION

The information herein is offered for general guidance only. Advice on specific applications is available on request from the Technical Department of Sika Industry.

Copies of the following publications are available on request:

- Safety Data Sheets
- Application Manual Sikafloor®-322 Transport

## PACKAGING INFORMATION

Sikafloor®-322 Transport (A+B)

Set	12 kg
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Sikafloor®-322 Transport (A)

Container	9.5 kg
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Sikafloor®-322 Transport (B)

Container	2.5 kg
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## BASIS OF PRODUCT DATA

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

## DISCLAIMER

The information, and, in particular, the recommendations relating to the application and enduse 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.

## PRODUCT DATA SHEET

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