

SikaTransfloor®-352 ST, SikaTransfloor®-352 SL and SikaTransfloor®-352 VSL

Levelling compounds for internal and external applications

Technical Product Data

	SikaTransfloor®-352 ST	SikaTransfloor®-352 SL	SikaTransfloor®-352 VSL
Chemical base	2-C polyurethane		
Consistency (CQP ¹ 001-1)	Slightly thioxotropic	Self leveling	Very self leveling
Color	Grey		
Density (at 20°C)	Comp. A	0,98 kg/l	
	Comp. B	1,22 kg/l	
	Comp. A + B	1,00 kg/l	
Mixing ratio	A : B = 4 : 1 (parts by weight)		
Shore A (CQP 023-1)	80 approx.		
Tensile strength (CQP 036-1 / ISO 527)	3 N/mm ² approx.		
Elongation at break (CQP 036-1 / ISO 527)	40% approx.		
Application temperature / relative humidity	10°C - 35°C / at max. 80% r.h.		
Shelf life and storage	12 months		

¹⁾CQP = Corporate Quality Procedures

Description

SikaTransfloor®-352 ST, SikaTransfloor®-352 SL and SikaTransfloor®-352 VSL are solvent-free 2-c polyurethane filling and leveling compounds. SikaTransfloor®-352 ST is slightly thixotropic, SikaTransfloor®-352 SL is self leveling and SikaTransfloor®-352 VSL is easy-flowing self leveling with facilitated spread. They all meet the regulations set out by the International Maritime Organisation (IMO).

SikaTransfloor®-352 ST SikaTransfloor®-352 SL, SikaTransfloor®-352 VSL are manufactured in accordance with ISO 9001 / 14001 quality assurance system and with the responsible care program.

Product Benefits

- Excellent working characteristics
- Solvent-free
- Low density
- No shrinkage
- Easy to grind

Areas of Application

SikaTransfloor®-352 ST, SikaTransfloor®-352 SL and SikaTransfloor®-352 VSL are specially designed for leveling up the surface of subdecks in ship and boat construction. Surface irregularities of metallic welded floors (steel, aluminum) or GRP subdecks up to 20 mm can be leveled in one single operation. The prepared subdeck is then ready to receive the finishing layer of timber decking employing Sikaflex®-298 as the bedding compound. SikaTrans-floor®-352 ST, SL and VSL are equally suitable for interior or exterior use.

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



Application System

Stage	Process	Product	Coverage
1	Cleaning/preparation	Belt sander	
2	Primer	Icosit® ZP Primer	0,2 kg/m² approx.
3	Leveling of subdeck	SikaTransfloor®-352 ST, SikaTransfloor®-352 SL or SikaTransfloor®-352 VSL	As required: allow 1kg per m² per mm of thickness
4	Adhesive	Sikaflex®-298	800 - 1500 ml/m²
5	Timber decking		

Working / Waiting / Drying Times

Application temperature	10°C	20°C	30°C
Working time (pot life) Icosit® ZP Primer	5 h	3 h	1 h
Waiting time before applying SikaTransfloor®-352 ST , SikaTransfloor®-352 SL and SikaTransfloor®-352 VSL	Minimal: 5 h Maximal: 14 h	Minimal: 3 h Maximal: 14 h	Minimal: 2 h Maximal: 14 h
Working time SikaTransfloor®-352 ST, SL and VSL	45 min. approx.	35 min. approx.	25 min. approx.
Waiting time before installation of timber decking with Sikaflex®-298	up to 14 days ¹⁾	up to 14 days ¹⁾	up to 14 days ¹⁾
¹⁾ Data assumes that the surface is covered to keep it clean and dry throughout the waiting period. If necessary the surface must be cleaned and sanded before proceeding to the next stage of work.			

Cure Mechanism

Reaction between resin and hardener.

Chemical Resistance

For advice contact the Technical Service Department of Sika Industry.

Method of Application

See separate documentation: "Working instructions for the application of Teak deck-systems". Depending on the local conditions and the geometry of sub decks, the most suitable Sika Transfloor grade can be choosen.

Application limits

Do not use the self levelling SikaTransfloor grades on sloping decks which have an inclination angle more than 3°.

Further Information

Copies of the following publications are available on request:

- Material Safety Data Sheet
- Working instructions for the application of Teak deck-systems

Packaging Information

Container (comp. A)	20 kg
Container (comp. B)	5 kg

Value Bases

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.

Health and Safety Information

For information and advice regarding transportation, handling, storage and disposal of chemical products, users should refer to the actual Material Safety Data Sheets containing physical, ecological, toxicological and other safety-related data.

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 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 Product Data Sheet for the product concerned, copies of which will be supplied on request.



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