

PRODUCT DATA SHEET

Sealoflex Professional

Flexible, fibre reinforced waterproofer

DESCRIPTION

Sealoflex® Professional is a single component, acrylic based, flexible waterproofing compound containing special fibre reinforcement.

USES

- Flat roofs
- Tiled roofs
- Parapet walls
- Flashing (with G1 membrane reinforcement)
- Overcoating existing roof waterproofing system

CHARACTERISTICS / ADVANTAGES

- Single component – ready to use
- Fibre reinforced – eliminates (in most cases) application of separate reinforcing membrane layer
- Flexible and durable
- Good adhesion to most common, sound, roofing substrates
- Can be overcoated with good quality acrylic paint
- No special cleaners required

APPROVALS / CERTIFICATES

Accelerated Weathering (SABS182) : no change after 2000 hours

PRODUCT INFORMATION

Packaging	5 and 20L pails
Shelf life	12 months in original, unopened container.
Storage conditions	Store in properly closed, sealed and undamaged packaging in dry conditions at temperatures between +5°C and 30°C. Protect from direct sunlight.
Appearance and colour	Thixotropic liquid Off white color
Density	1.2 ± 0.05

TECHNICAL INFORMATION

Resistance to impact	1.15 joules	
Tensile strength	4.1N/mm ²	(ASTM D638)
Tensile strain at break	40%	(ASTM D638)
Tear strength	16.9 N/mm ²	(ASTM D1004)
Permeability to water vapour	17g/m ² /day	(ASTM E96)

SYSTEM INFORMATION

System structure	Primer: Not normally required. On porous surfaces use Sealobond® Primer. Coating: Sealoflex® Professional 1 – 2 coats	
Consumption	~ 1.0 litre per m ² per coat. Two coats recommended	
Layer thickness	1 - 2 mm thick	
Ambient air temperature	Min. 5°C – Max. 35°C.	
Relative air humidity	<80%	
Dew point	Substrate temperature, must always be at least 3°C above the measured dew point.	
Substrate temperature	Min. 5°C – Max. 30°C.	
Substrate moisture content	<10%	
Waiting time to overcoating	Temperature	Time
	10°C	8 hours
	20°C	4 hours
	30°C	3 hours
Touch Dry: 2- 3 hours depending upon ambient conditions		

BASIS OF PRODUCT DATA

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

IMPORTANT CONSIDERATIONS

Concrete should be a minimum of 28 days old and the moisture content less than 10% before application. Protect from rain until dry.
DO NOT ATTEMPT APPLICATION IF RAIN IS IMMINENT.

ECOLOGY, HEALTH AND SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety-related data.

APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY

The surface, must be dry and free of all contaminants, such as oils, grease, coatings and surface treatments etc.

Weak concrete should be removed and surface defects such as honeycombed areas, blowholes and voids must be fully exposed.

Repairs to substrate, filling of blowholes/voids and surface levelling, should be carried out using the appropriate product from the Sika® MonoTop®, Sikadur® range of materials.

SUBSTRATE PREPARATION

All surfaces must be clean, sound, dry and properly cured. Remove all loose materials mechanically, with a wire brush, or by water or sand blasting. Metal surfaces should be free of rust.

For wooden roofs and, in particular T & G boarded roofs, the entire area to be waterproofed, should be covered with 2-ply roofing felt, kept in position by galvanised clout nails and/or a suitable adhesive.

MIXING

Mix contents thoroughly prior to application

APPLICATION

Step 1 Apply suitable primer if required.

Step 2 Apply a generous base coat of Sealoflex® Professional evenly by brush, roller or soft broom and allow drying for at least 4 hours or until touch dry.

Step 3 When touch dry, apply a top coat evenly and at right angles to the base coat. Additional coats may be applied as necessary.

CLEANING OF EQUIPMENT

Remove uncured Sealoflex® Professional with water. Cured 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 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.

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PRODUCT DATA SHEET

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