BUILDING TRUST

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

- 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

PRODUCT INFORMATION

Packaging	5 ltr and 20ltr Containers	
Colour	Grey, Terracotta, Charcoal, White and Green	
Shelf Life	12 months in original, unopened container.	
Storage Conditions	Store in properly closed, sealed and undamaged packaging in dry conditions at temperatures between +5ºC and 30ºC. Protect from direct sunlight.	
Density	~1,2kg/litre.	
Tensile Strength	4.1N/mm²	(ASTM D638)
Elongation at Break	40%	(ASTM D638)
Tear Strength	16.9 N/mm²	(ASTM D1004)

Permeability to Water Vapour	17g/m²/day	(ASTM E96)
Consumption	~ 1.0 litre per m² per coat. Two coats recommended	
Layer Thickness	1 - 2mm 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 / Overcoating	**Temperature** / **Time** **10ºC** / **8 hours** 20ºC / 4 hours 30ºC / 3 hours **Touch Dry:** 2- 3 hours depending upon ambient conditions	

BASIS OF PRODUCT DATA

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.

LIMITATIONS

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

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

CLEANING OF TOOLS

Remove uncured Sealoflex Professional with water. Cured material can only be removed mechanically.

LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.

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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