

PRODUCT DATA SHEET

Sika® Roofseal

DECORATIVE WATERPROOF TREATMENT FOR ROOF

DESCRIPTION

Sika® Roofseal is modified acrylates a thixotropic, cold applied, elastic material on a polymer modified acrylates basic.

Sika® Roofseal forms a seamless and joint-free, watertight, flexible and elastic membrane, thereby making the surface treated absolutely impervious to water. By virtue of its formulation, the cured membrane is resistant to ultra violet radiation and exhibits excellent resistance to aggressive attacks from industrial pollution. Sika® Roofseal is also very useful for complete waterproofing with decorative finish on corroded corrugated metal sheets.

USES

- Sika® Roofseal is a waterproofing coating
- Sika® Roofseal is a brush applied decorative treatment for old or new roofs of most normal roofing materials including concrete
- Sika® Roofseal provide optimum technical and design versatility due to which difficult curvatures such as arches, etc. can be protected and waterproofed
- Sika® Roofseal is suitable for horizontal as well as vertical surfaces

CHARACTERISTICS / ADVANTAGES

- Highly economical due to supply in a ready-to use form with no wastage of the material.
- Excellent bonding to most building materials
- Easy, simple and quick application.
- Provides excellent, reliable and long lasting waterproofing.
- No heating, dilution or and other application preparations.
- Safe bridging of surfaces subject to hairline cracking.
- Waterproofing of new surfaces as well as repair to old surfaces, whether previously treated or not.
- Provides additional waterproofing and protection when used as base and/or intermediate coat in brick-laying

PRODUCT INFORMATION

Packaging	20 kg./ pail
Colour	White ,Green, Grey
Shelf life	12 months from the date of production, If stored properly in undamaged, original, sealed packaging.
Storage conditions	Store in dry and cool conditions, protected from sources of heat. Not below 5°C, protected from high temperature.
Density	1.30 - 1.35 kg/l
Solid content	70 %

TECHNICAL INFORMATION

Tensile Strength	3.5 MPa approx.	(ASTM D412-98a)
Elongation at Break	550% approx.	(ASTM D570-98)

SYSTEM INFORMATION

System Structure	Sika® Roofseal is applied in 2 coats as minimum. Consumption 0.35 kg. / m ² / coat
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APPLICATION INFORMATION

Waiting Time / Overcoating	Temperature	Waiting Time
	35 °C	1 - 2 hours
	25 °C	3 - 4 hours

Drying time	Full Cure in 7 days
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APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION

The surfaces must be clean, sound and free of any contamination such as grease, wax based curing compound, oil, dirt, dust and loose material.

APPLICATION

- Primer coat must be diluted slightly with water 3:1 to ease the first application
- Apply an overall coat of Sika® Roofseal to the prepared surface, at spread rate of 0.35 kg./m²/coat. This can be applied by brush or roller or spray, and allowed to dry, preferable over night
- Where Sika Glass Mesh, polyester fiber reinforcement is to be used, either overall or where necessary to bridge cracks or joints, after applying the primer coat and first coat of Sika® Roofseal and allow to go tacky, place polyester fiber and allow to dry. Follow by a second coat and third coat of Sika® Roofseal at rate 0.35 kg./m²/coat
- Sika® Roofseal is very effective with polyester fiber reinforcement to repair leaky gutters, down spouts, etc. to bridge cracks, corrosion etc. providing the damage is not too extensive

CLEANING OF TOOLS

The working equipment, tools etc., can be mechanically cleaned by using brushes in combination with Water. The cleaning should be done immediately after the completion of the work and within the pot life of the material to avoid sediments on the equipments, tools etc.

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.

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.

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 Material Safety Data Sheet 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 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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