

PRODUCT DATA SHEET

Sika® Shingle-1

1 PACK / WATER-BORN FLEXIBLE WATERPROOFING PAINT

DESCRIPTION

Sika® Shingle-1 is a single component, water-based elastic waterproofing membrane. It has good workabilities and excellent adhesion on substrates. It has also outstanding waterproofing performance.

USES

- Building roof
- Shingle roof of an apartment
- Waterproofing and repair coating on old asphalt shingle
- Multipurpose waterproofing

CHARACTERISTICS / ADVANTAGES

- 1-Pack, excellent elastic and environment-friendly of non-toxic.
- UV-stability.
- Optimized product with roof and asphalt shingle.
- Convenient operation and easy to use one.
- Outstanding waterproofing and water-resistance properties.

PRODUCT INFORMATION

Composition	Water-born emulsion, One Component	
Packaging	18kg/pail	
Colour	Red brown, Dark green	
Shelf life	12 months	
Storage conditions	Sika® Shingle-1 must be stored properly in original, unopened and undamaged sealed packaging in dry conditions at temperatures between +10°C and +25°C. Higher storage temperatures may reduce shelf life of product. Reference shall also be made to the storage recommendations within the safety data sheet.	
Density	1.3 ± 0.1	KS M ISO 1183-1 : 2014
Solid content	65 ± 3	KS M ISO 3251 : 2015
Solid content by volume	Approx. 51%	
Viscosity	95 ± 5 (K.U)	KS M 5000 : 2014

TECHNICAL INFORMATION

Tensile Strength	2.5 (N/mm ²)	KS F 3211 : 2015
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Elongation at Break	290.4 (%)	KS F 3211 : 2015
Tear Strength	13.7 (N/mm)	KS F 3211 : 2015

SYSTEMS

Dry film thickness	Spreading rate : 2.5kg/ m ² (1000μm) *We recommend 1.3kg/m ² per one coating and twice or three times maximum.
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APPLICATION INFORMATION

Ambient Air Temperature	Sika® Shingle-1 must be coating on the substrate between 5~40°C temp. range.
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Drying time		10°C	20°C	30°C
	Set-to-touch	60 min	30 min	15 min
	Dry-hard	36 h	24 h	18 h

APPLICATION INSTRUCTIONS

EQUIPMENT

A roller or brush

SUBSTRATE PREPARATION

- Clean the surface
- Coat the primer on the surface
- If you need to repair shingle area, Sika construction products or water-born silicones which apply on that area.

MIXING

- Use the product without additional components. Sika® Shingle-1 is just one component pre-mixed product.
- Open the product and stir for 3 minutes before coating.

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.

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 the exact product data and uses.

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.

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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