

PRODUCT DATA SHEET

SikaProof® P-1200

SHEET WATERPROOFING MEMBRANE FOR BASEMENT AND BELOW GROUND STRUCTURES

DESCRIPTION

SikaProof® P-1200 is a flexible, homogeneous sheet waterproofing membrane based on flexible polyol-efine (FPO), equipped with a special embossing. Use with SikaProof® Adhesive-01 to create the SikaProof® P-1201 fully bonded, post-applied composite sheet membrane waterproofing system for reinforced concrete structures. SikaProof® P-1201 system is in-situ adhered, means the membrane is installed into the previously applied adhesive layer on site. The system is cold- and post-applied onto the hardened reinforced concrete structure.

USES

SikaProof® P-1200 may only be used by experienced professionals. Damp-proofing, waterproofing and concrete protection for basements and other below ground structures against ground water ingress. Suitable for use on:

- vertical reinforced concrete walls
- horizontal reinforced concrete slabs, protrusions, decks and podiums
- extensions and reconstruction works
- prefabricated structures

CHARACTERISTICS / ADVANTAGES

- Fully bonded onto the hardened concrete structure
- No lateral water underflow between the reinforced concrete structure and the membrane system
- Highly flexible with crack-bridging abilities
- High watertightness tested according various standards
- Easy to install with fully adhered joints (no welding required)
- Cold-applied (no heat or open flames required)
- Temporary resistant to weathering and UV-light during construction
- Resistant to aging
- Resistant to aggressive mediums and gases in natural ground water and soil
- Can be combined with other approved Sika Waterproofing / Joint Sealing Systems

APPROVALS / CERTIFICATES

Flexible sheets for waterproofing - 'Plastic and rubber damp proof sheets including plastic and rubber basement tanking sheet' according to EN 13967:2012, Declaration of Performance No. 85592620, certified by notified factory production control certification body 1213, certificate of conformity of the factory production control 1213-CPR-065, and provided with the CE marking.

PRODUCT INFORMATION

Packaging	SikaProof® P-1200 rolls are wrapped individually in a yellow PE-foil.	
	Roll width	1.0 m
	Roll length	20 m
Appearance / Colour	Light yellow sheet membrane with embossed surface one-sided.	

Shelf life	18 months shelf life from date of production if stored properly in undamaged, unopened, original sealed packaging. For expiry date see label.	
Storage conditions	Dry storage at temperature from +5 °C up to +30 °C. Protect from direct sunlight, rain, snow, ice, humidity, etc. Store in a horizontal position. Do not stack pallets of the membrane rolls on top of each other, or under pallets of any other material during transport or storage	
Effective Thickness	1.20 mm (-5 / +10 %)	(EN 1849-2)
Mass per unit area	1.20 kg/m ² (-5 / +10 %)	(EN 1849-2)

TECHNICAL INFORMATION

Resistance to Impact	≥ 400 mm	(EN 12691, Method A)
Resistance to Root Penetration	Pass	(CEN/TS 144416)
Tensile Strength	Machine direction Cross direction	≥ 12.0 N/mm ² ≥ 12.0 N/mm ² (EN 12311-2)
Modulus of Elasticity in Tension	≤ 60 N/mm ² (±10 %)	(EN ISO 527-3)
Elongation	≥ 450 %	(EN 12311-2)
Resistance to Tear	Machine direction Cross direction	≥ 135 N ≥ 135 N (EN 12310-1)
Reaction to Fire	Class E	(EN 13501-1:2000)
Accelerated Ageing in Alkaline Environment	Pass	(EN 1847) (28 d / +23 °C) (EN 1928, Method B) (24 h / 60 kPa)
Durability of Watertightness against Ageing	Pass	(EN 1296) (12 weeks) (EN 1928, Method B) (24 h / 60 kPa)
Durability of Watertightness against Chemicals	Pass	(EN 1847) (28 d / +23 °C) (EN1928, Method B) (24 h / 60 kPa)
Service Temperature	-10 °C min. / +35 °C max.	

SYSTEMS

System Structure	SikaProof® P-1200 is part of the SikaProof® P-1201 System: Waterproofing Membrane SikaProof® P-1200 Adhesive SikaProof® Adhesive-01	
	See current Method Statement of the SikaProof® P-1201 System for compatible accessories and complementary products used to create the relevant details and connections.	

APPLICATION INSTRUCTIONS

APPLICATION METHOD / TOOLS

SikaProof® P-1200 is a component of the SikaProof® P-1201 post applied sheet membrane waterproofing system. For more information and guidance please refer to the current System Data Sheet and the current Method Statement for the SikaProof® P-1201 System.

IMPORTANT CONSIDERATIONS

- SikaProof® P-1200 membrane system must only be installed by Sika trained and approved contractors.
- Protect the SikaProof® P-1200 membrane against

mechanical damage immediately after the installation is completed.

- The membrane system must always be protected from exposure to UV within a defined period of time, depending on the climate conditions and geographic region. For further details please refer to the current Method Statement.
- SikaProof® P-1200 membrane is not permanently UV and weather resistant. It must be protected at the latest 3 months (90 days) after installation.
- SikaProof® P-1200 must not be installed on structures permanently exposed to UV light or weathering.

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

REGULATION (EC) NO 1907/2006 - REACH

This product is an article as defined in article 3 of regulation (EC) No 1907/2006 (REACH). It contains no substances which are intended to be released from the article under normal or reasonably foreseeable conditions of use. A safety data sheet following article 31 of the same regulation is not needed to bring the product to the market, to transport or to use it. For safe use follow the instructions given in the product data sheet. Based on our current knowledge, this product does not contain SVHC (substances of very high concern) as listed in Annex XIV of the REACH regulation or on the candidate list published by the European Chemicals Agency in concentrations above 0,1 % (w/w)

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 if 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.