

# 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 polyolefine (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

CE Mark and Declaration of Performance as Flexible sheets for waterproofing - 'Plastic and rubber damp proof sheets including plastic and rubber basement tanking sheet' according to EN 13967:2012 based on certificate of factory production control issued by notified factory production control certification body and type testing.

### 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.

<b>Shelf life</b>	18 months shelf life from date of production if stored properly in undamaged, unopened, original sealed packaging. For expiry date see label.	
<b>Storage conditions</b>	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	
<b>Effective Thickness</b>	1.20 mm (-5 / +10 %)	(EN 1849-2)
<b>Mass per unit area</b>	1.20 kg/m <sup>2</sup> (-5 / +10 %)	(EN 1849-2)

## TECHNICAL INFORMATION

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

## SYSTEMS

<b>System Structure</b>	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 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

### 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 this 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 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.

### Sika Hellas ABEE

15 Protomagias Str.  
14568 Kryoneri  
Attica-Greece  
Tel.: +30 210 8160 600  
Fax: +30 210 8160 606  
www.sika.gr | sika@gr.sika.com



### Product Data Sheet

SikaProof® P-1200  
December 2019, Version 01.01  
020704210210000020

SikaProofP-1200-en-GR-(12-2019)-1-1.pdf