

PRODUCT DATA SHEET

SikaProof® P-1200

SHEET MEMBRANE FOR POST-APPLIED FULLY BONDED BELOW GROUND WATERPROOFING

PRODUCT 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-11H (horizontal applications) or SikaProof® Adhesive-11V (vertical applications) 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, meaning 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
- prefabricated structures

PRODUCT INFORMATION

Packaging	SikaProof® P-1200 rolls are wrapped individually in a yellow PE-foil.	
	Roll width	1.0 m (3.28 ft)
	Roll length	20 m (65.6 ft)
Appearance / Color	Light yellow sheet membrane with embossed surface one-sided.	

CHARACTERISTICS / ADVANTAGES

- Post-applied, fully bonded on existing reinforced concrete structures
- 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

Shelf Life	24 months from date of production	
Storage Conditions	Dry storage at temperature from +40 °F up to +85 °F. 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 (0.05 in) (-5 / +10 %)	(ASTM D3767)
Mass per Unit Area	0.31 lb/ft ² (-5 / +10 %)	

TECHNICAL INFORMATION

Impact Strength	190 lbs (no puncture)	(ASTM E154)
Resistance to Root Penetration	Pass	(CEN/TS 144416)
Tensile Strength	2000 psi min.	(ASTM D412)
Tensile Modulus of Elasticity	≤ 60 N/mm ² (±10 %)	(EN ISO 527-3)
Elongation	≥ 500 %	(ASTM D412)
Resistance to Tearing (nail shank)	Machine direction ≥ 135 N Cross direction ≥ 135 N	(EN 12310-1)
Low Temperature Bend	Pass - no cracking at -29 °C (-20 °F)	(ASTM D1970)
Water Vapor Transmission	3.45 x 10 ⁹ g/Pa.S.m ² (0.06 perms)	(ASTM E96)
Water Tightness	Pass, up to 7 bar (234 ft) (SikaProof® P-1201 system)	(ASTM D 5385)
Resistance to lateral water migration	Pass 7 bar (234 ft) (SikaProof® P-1201 system)	(ASTM D5385 modified)
Durability of Water Tightness against Chemicals	Pass	(EN 1847) (28 d / +23 °C) (EN1928, Method B) (24 h / 60 kPa)

SYSTEM INFORMATION

System Structure	SikaProof® P-1200 is part of the SikaProof® P-1201 System: Waterproofing Membrane SikaProof® P-1200 Adhesive SikaProof® Adhesive-11V or SikaProof® Adhesive-11H	
	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.

LIMITATIONS

- 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

Results may differ based upon statistical variations depending upon mixing methods and equipment, temperature, application methods, test methods, actual site conditions and curing conditions.

OTHER RESTRICTIONS

See Legal Disclaimer.

ENVIRONMENTAL, HEALTH AND SAFETY

For further information and advice regarding transportation, handling, storage and disposal of chemical products, user should refer to the actual Safety Data Sheets containing physical, environmental, toxicological and other safety related data. User must read the current actual Safety Data Sheets before using any products. In case of an emergency, call CHEMTREC at 1-800-424-9300, International 703-527-3887.

LEGAL DISCLAIMER

- KEEP CONTAINER TIGHTLY CLOSED
- KEEP OUT OF REACH OF CHILDREN
- NOT FOR INTERNAL CONSUMPTION
- FOR INDUSTRIAL USE ONLY
- FOR PROFESSIONAL USE ONLY

Prior to each use of any product of Sika Corporation, its subsidiaries or affiliates (“SIKA”), the user must always read and follow the warnings and instructions on the product’s most current product label, Product Data Sheet and Safety Data Sheet which are available at usa.sika.com or by calling SIKA’s Technical Service Department at 1-800-933-7452. Nothing contained in any SIKA literature or materials relieves the user of the obligation to read and follow the warnings and instructions for each SIKA product as set forth in the current product label, Product Data Sheet and Safety Data Sheet prior to use of the SIKA product.

SIKA warrants this product for one year from date of installation to be free from manufacturing defects and to meet the technical properties on the current Product Data Sheet if used as directed within the product’s shelf life. User determines suitability of product for intended use and assumes all risks. User’s and/or buyer’s sole remedy shall be limited to the purchase price or

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Product Data Sheet

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