

PRODUCT DATA SHEET

SikaProof® Adhesive-11 H

POLYURETHANE ADHESIVE, FOR USE WITH SIKAPROOF WATERPROOFING SYSTEM

PRODUCT DESCRIPTION

SikaProof® Adhesive-11 H is a thixotropic 2-component polyurethane adhesive. SikaProof® Adhesive-11 H is part of the SikaProof® P-1201 System and is used to adhere the SikaProof® P-1200 membrane to concrete or other suitable cementitious substrates for horizontal applications.

USES

SikaProof® Adhesive-11 H may only be used by experienced professionals.

SikaProof® Adhesive-11 H is used for bonding the SikaProof® P-1200 waterproofing membrane to reinforced concrete to form a fully bonded membrane waterproofing system used for horizontal applications on basements and other below ground structures.

CHARACTERISTICS / ADVANTAGES

- High adhesion to concrete or other cementitious substrates
- High water and mechanical resistance
- Solvent free
- No primer needed
- Can be used as levelling layer
- Suitable for cold weather applications down to 0 °F
- Easy to mix and apply

PRODUCT INFORMATION

Chemical Base	Component A	Polyols, filled
	Component B	Isocyanate derivatives
Packaging	Component A	25 kg pail (6.5 gal)
	Component B	5 kg pail (2 gal)
Color	Component A	Beige
	Component B	Brown
	Mixed	Beige
Shelf Life	Component A	12 months
	Component B	6 months

The indicated shelf life is from the date of production if stored properly in

undamaged, unopened, original sealed packaging. For expiration date see label.

Storage Conditions	Dry storage at temperature from +40 °F (+5 °C) up to +86 °F (+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.	
	Density	
	Component A	1.65 g/ml
	Component B	1.23 g/ml
	Mixed	1.56 g/ml
Viscosity	Component A	47,600 cP
	Component B	40 cP
	Mixed	Paste

SYSTEM INFORMATION

System Structure	SikaProof® Adhesive-11H is part of the SikaProof® P-1201 System:	
	Waterproofing Membrane	SikaProof® P-1200
	Adhesive (Horizontal Applications)	SikaProof® Adhesive-11H
	Adhesive (Vertical Applications)	SikaProof® Adhesive-11V
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 INFORMATION

Mixing Ratio	By volume A:B	100 : 25
	By weight A:B	100 : 19
Ambient Air Temperature	0 °F (-17 °C) min. / +120 °F (50 °C) max.	
Pot Life	90 min. at 75°F	

APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY

Reinforced concrete structure must be:

- Hardened and of sufficient compressive strength, minimum 3600psi,
- With a minimum pull off strength 215psi
- Dry, sound, clean and free of any contaminations (e.g. dust, oil, grease, release agent)
- Free from surface defects (e.g. blowholes, voids, honeycombing, cracks, protrusions)

SUBSTRATE PREPARATION

The concrete or other suitable cementitious substrate must meet the defined substrate quality. If the substrate does not fulfil the requirements, the surface must be pre-treated prior to the application, in order to prevent any subsequent damage to the membrane sheets. For more detailed information and guidance please refer to the current Method statement for the SikaProof® P-1201 System.

MIXING

Mix components A+B together in the correct proportion into a suitable mixing pail for at least 3 minutes with a low speed mixer until the material becomes smooth in consistency and a uniform white colour. Avoid aeration while mixing the 2 components. Pour the whole mix into another clean container and mix again for at least 1 more minute. Mix only that quantity which can be used within its pot life.

APPLICATION METHOD / TOOLS

SikaProof® Adhesive-11 H is a component of the SikaProof® P-1201 post applied sheet membrane waterproofing system. For more information and guidance refer to the System Data Sheet and to the current Method Statement for the SikaProof® P-1201 System.

CLEANING OF TOOLS

Clean all tools immediately after use with a solvent

cleaner such as Xylene. Hardened material can only be removed mechanically (e.g., by sand-blasting).

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

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