

PRODUCT DATA SHEET

SikaProof® Adhesive-22

CEMENT MODIFIED ADHESIVE FOR USE WITH SikaProof® A+ WATERPROOFING SYSTEM

PRODUCT DESCRIPTION

SikaProof® Adhesive-22 is a thixotropic 1-component cement-modified adhesive. SikaProof® Adhesive-22 is part of the SikaProof® A+ System and is used to adhere the SikaProof® A+ membrane to green and fully cured concrete.

USES

SikaProof® Adhesive-22 may only be used by experienced professionals. SikaProof® Adhesive-22 is used for bonding the SikaProof® A+ waterproofing membrane to reinforced concrete to form a fully bonded membrane waterproofing system used for vertical applications on basements and other below ground structures.

CHARACTERISTICS / ADVANTAGES

- High adhesion to green concrete and cured concrete
- High water and mechanical resistance
- Solvent free
- No primer needed
- Can be used as levelling layer
- Suitable for cold weather applications
- Easy to mix and apply
- Can be applied by spraying
- Non-sagging on vertical substrates

PRODUCT INFORMATION

Chemical Base	Cement, modified polymers
Packaging	Bag, 50 lbs
Shelf Life	12 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.
Color	Grey
Density	1.52 g/ml (mixed)
Viscosity	Before mixing: Powder After mixing: Paste

SYSTEM INFORMATION

System Structure

SikaProof® Adhesive-22 is part of the SikaProof® A+ System:

Waterproofing Membrane	SikaProof® A+
Adhesive	SikaProof® Adhesive-22
Tape	SikaProof® ExTape-100

See current Method Statement of the SikaProof® A+ post-applied system for compatible accessories and complementary products used to create the relevant details and connections.

APPLICATION INFORMATION

Mixing Ratio

By weight powder : water (for trowel application)	100 : 33 2.0 gal (16.69 lbs) per 1 bag (50 lbs)
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By weight powder : water (for spray application)	100 : 37 2.2 gal (18.36) per 1 bag (50 lbs)
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Ambient Air Temperature

+41°F (+5°C) min. / +120°F (+50°C) max.

Pot Life

120 minutes at +73°F (+23°C)

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.

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.

APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY

Reinforced concrete structure must be:

- 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).
- Do not use for negative side hydrostatic pressure applications.

SUBSTRATE PREPARATION

The concrete 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® A+ post-applied system.

MIXING

Add the appropriate amount of water into a suitable mixing pail. Add the powder to the water and mix for at least 3 minutes with a mixer until the material becomes smooth in consistency and a uniform grey color. Use a ≥ 500 rpm paint/mortar mixer equipped with a jiffy mixer or mud paddle. Avoid aeration while mixing the adhesive. Mix only the quantity which can be used within its pot life.

APPLICATION METHOD / TOOLS

SikaProof® Adhesive-22 is a component of the SikaProof® A+ sheet membrane waterproofing system. Apply SikaProof® Adhesive-22 with a 1/4-inch V-notched trowel or by spraying with the TexSpray FastFinish Pro System. After the application of the adhesive, immediately place the membrane sheet into the adhesive and remove all entrapped air by means of a roller or squeegee. Subsequently, clean the yellow side of the membrane around the butt joint with water and wet sponge/rag. After curing of the adhesive, seal all butt joints with the SikaProof® ExTape-100. For more information and guidance refer to the current Method Statement for the SikaProof® A+ post-applied system. Contact Sika® Technical Services for more information, if the SikaProof® Adhesive-22 has to be applied under wet conditions or at temperatures outside the stated temperature range.

CLEANING OF TOOLS

Clean all tools immediately after use with water.
Hardened material must be removed mechanically.

OTHER RESTRICTIONS

See Legal Disclaimer.

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.

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