



## 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.

### WHERE TO USE

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
- Non-sagging on vertical substrates

### PRODUCT INFORMATION

CSC MasterFormat®	07 13 00   SHEET WATERPROOFING
Composition / Manufacturing	Cement, modified polymers
Packaging	Bag, 22.7 kg (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 +5 °C (+40 °F) up to +30 °C (+86°F). Protect from direct sunlight, rain, snow, ice, humidity, etc.
Colour	Grey
Density	1.52 g/ml (mixed)

## Viscosity

Before mixing: Powder  
After mixing: Paste

## SYSTEMS

### 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 7.57 L (2.0 US gal) per 1 bag
Ambient Air Temperature	+5°C (+41°F) min. / +50°C (+120°F) max.	
Pot Life	120 minutes at +23°C (+73°F)	

## BASIS OF PRODUCT DATA

Product properties are typically averages, obtained under laboratory conditions. Reasonable variations can be expected on-site due to local factors, including environment, preparation, application, curing and test methods.

## ENVIRONMENT, HEALTH & SAFETY

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

## 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. 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.

## CLEAN UP

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

## 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 exact product data and uses.

## 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 recommendations, or from any other advice offered. The information contained herein does not relieve the user of the products from testing them for the intended application and purpose. 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 or may be downloaded from our website at: [www.sika.ca](http://www.sika.ca)

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### **Other locations**

Boisbriand (Quebec)  
Brantford; Cambridge;  
Sudbury; Toronto (Ontario)  
Edmonton (Alberta)  
Surrey (British Columbia)

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### **Product Data Sheet**

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