

PRODUCT DATA SHEET

SikaProof® Adhesive-02

2-part, cement-modified adhesive for use with the SikaProof® A+ waterproofing system

PRODUCT DESCRIPTION

SikaProof® Adhesive-02 is a 2-part, cement-modified adhesive. It is part of the SikaProof® A+ System and is used to post-apply the SikaProof® A+ membrane to the existing reinforced concrete structure.

USES

SikaProof® Adhesive-02 is used for:

- Bonding the SikaProof® A+ 08 or SikaProof® A+ 12 waterproofing membrane to an existing reinforced concrete structure to form a fully-bonded membrane waterproofing system

Please note:

- The Product may only be used by experienced professionals.

CHARACTERISTICS / ADVANTAGES

- Good adhesion to concrete substrates
- Can be applied to damp concrete surfaces

PRODUCT INFORMATION

Chemical Base	Part A	Water based polymer dispersion
	Part B	Portland cement, selected aggregate and admixtures
Packaging	Part A	5.0 kg container
	Part B	15.625 kg bag
	Part A and Part B	20.625 kg pre-batched unit
Refer to the current price list for available packaging variations.		
Shelf Life	12 months from date of production	
Storage Conditions	<p>The Product must be stored in original, unopened and undamaged sealed packaging in dry conditions at temperatures between +5 °C and +30 °C. Always refer to packaging.</p> <p>Refer to the current Safety Data Sheet for information on safe handling and storage.</p>	

Colour	Part A	white liquid
	Part B	white powder
Density	1.9 g/cm ³ (at +20 °C)	

SYSTEM INFORMATION

System Structure	The following products are part of the post-applied SikaProof® A+ system:	
	Function	Product
	Primer	SikaProof® Primer-02
	Adhesive	SikaProof® Adhesive-02
	Waterproofing membrane	SikaProof® A+ 08 SikaProof® A+ 12
	Tape	SikaProof® ExTape-100 SikaProof® Sandwich Tape

TECHNICAL INFORMATION

Tensile adhesion strength	2.1 N/mm ²	(EN 1542)
Reaction to Fire	A2-s1,d0	(EN 13501-1)

APPLICATION INFORMATION

Mixing Ratio	A : B = 32 : 100 (parts by weight)	
Consumption	≥ 2.8 kg/m ² Note: Consumption data is theoretical and does not allow for any additional material due to surface porosity, surface profile, variations in level, wastage or any other variations. Apply the Product to a test area to calculate the exact consumption for the specific substrate conditions and proposed application equipment.	
Product Temperature	Maximum	+30 °C
	Minimum	+5 °C
Ambient Air Temperature	Maximum	+30 °C
	Minimum	+5 °C
Substrate Temperature	Maximum	+30 °C
	Minimum	+5 °C
Pot Life	at +20 °C	40 minutes
	at +30 °C	30 minutes

VALUE BASE

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.

ECOLOGY, HEALTH AND 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 PREPARATION

IMPORTANT

Strictly follow installation procedures

Strictly follow installation procedures as defined in Method Statements, application manuals and working instructions which must always be adjusted to the actual site conditions.

Prepare the substrate and prime it with SikaProof® Primer-02.

For more information, refer to the current Product Data Sheet of SikaProof® Primer-02 and Application Manual SikaProof® A+ Post-Applied.

MIXING

IMPORTANT

Mix only full units of part A and part B

1. Shake part A (white liquid) until the liquid is homogenous.
2. Pour part A into the mixing container.
3. **IMPORTANT** Mix using an electric mixer (≥ 500 rpm) with helical paddle. While mixing add approximately 3/4 of part B (powder).
4. Mix for 1 minute.
5. Add the remainder of part B.
6. Continue mixing for 3 minutes until a uniform and lump-free mix is achieved.

APPLICATION

IMPORTANT

Risk of improper bonding

Observe the pot life of the Product. The open time is reduced when applying the Product at high temperatures or in windy conditions.

1. Apply the SikaProof® A+ 08 or SikaProof® A+ 12 membrane as soon as possible after applying the Product.
2. Take precautionary measures when applying the Product in high temperatures or windy conditions.

For more application information, refer to the following resources:

- Method Statement - SikaProof® A+
- Application Manual SikaProof® A+ Post-Applied

CLEANING OF TOOLS

Clean all tools and application equipment with water immediately after use. Hardened material can only be removed mechanically.

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.

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.

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Product Data Sheet

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