

## PRODUCT DATA SHEET

# SikaProof® Adhesive-02

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

### DESCRIPTION

SikaProof® Adhesive-02 is a cement modified, two part adhesive. SikaProof® Adhesive-02 is part of the SikaProof® A+ post-applied system and is used to adhere the SikaProof® A+ membrane to the concrete substrate.

### USES

The Product is used for:

- Bonding the SikaProof® A+ 08 or SikaProof® A+ 12 waterproofing membrane to a 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
- Applicable onto damp concrete surfaces
- Fast and easy mixing and application
- High resistance against lateral water migration
- Low VOC content

### SUSTAINABILITY

- Environmental Product Declaration (EPD) in accordance with EN 15804. EPD independently verified by Institut für Bauen und Umwelt e.V. (IBU)

### APPROVALS / CERTIFICATES

- CE marking and declaration of performance based on EN 1504-2:2004 Products and systems for the protection and repair of concrete structures — Surface protection systems for concrete — Coating

### PRODUCT INFORMATION

<b>Composition</b>	Part A	Water based polymer dispersion
	Part B	Portland cement, selected aggregate and admixtures
<b>Packaging</b>	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.	
<b>Shelf life</b>	12 months form date of production	

**Storage conditions** 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. Refer to the current Safety Data Sheet for information on safe handling and storage.

<b>Colour</b>	Part A	white liquid
	Part B	white powder

**Density** 1.9 g/cm<sup>3</sup> (at +20 °C)

## TECHNICAL INFORMATION

**Tensile adhesion strength** 2.1 N/mm<sup>2</sup> (EN 1542)

**Reaction to fire** A2-s1,d0 (EN 13501-1)

## SYSTEM INFORMATION

**System structure** The following products are part of the SikaProof® A+ Post-Applied system:

<b>Function</b>	<b>Product</b>
Primer	SikaProof® Primer-02
Adhesive	SikaProof® Adhesive-02
Membrane	SikaProof® A+ 08 SikaProof® A+ 12
Tape	SikaProof® ExTape-100

## APPLICATION INFORMATION

**Mixing ratio** A:B = 32:100 (parts by weight)

**Consumption** ≥ 2.8 kg/m<sup>2</sup>  
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 product to a test area to calculate the exact consumption for the specific substrate conditions and proposed application equipment.

**Material temperature** +5 °C min. / +35 °C max.

**Ambient air temperature** +5 °C min. / +35 °C max.

**Substrate temperature** +5 °C min. / +35 °C max.

**Pot Life** ~40 min. at +20 °C  
~30 min. at +30 °C

## BASIS OF PRODUCT DATA

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

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety-related data.

## APPLICATION INSTRUCTIONS

### 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.

### SUBSTRATE PREPARATION

The substrate must be properly prepared and primed with SikaProof® Primer-02. For more information refer to current SikaProof® Primer-02 Product Data Sheet and SikaProof® A+ post-applied system Method Statement.

## 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 ( $\geq 500$  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

For more information and guidance on the application, refer to the current Sika® Method Statement: SikaProof® A+ and Application Manual SikaProof® A+ Post-Applied.

## LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the declared data for this product may vary from country to country. Please consult the local Product Data Sheet for the exact product data.

## LEGAL NOTES

Any information or suggestions for use concerning Sika's products, which we either in writing or orally have given buyers or end-users of the product, have been given in good faith based on our own experiences and based on approved praxis and the technological and scientific knowledge on the time of giving such suggestions and information, which are given without any type of guarantees, and which do not lead to any further responsibility from Sika Danmark A/S, besides what is stated in the sales agreement in question. The buyer or end-user should themselves investigate or otherwise make sure, that our products are suitable for the use in question and further make sure that the products are kept and used correct and in agreement with the published rules and considering the actual conditions in order to avoid damages or less satisfactory results. Any order is accepted and any deliverance is affected according to the general terms of sales and delivery from Sika Danmark A/S, which are considered known and accepted, and which could be handed out when asked for. Our catalogues are not up-dated automatically. The present product data sheet is only for use in Denmark. Values stated in the present product data sheet should be seen as recommended, unless stated otherwise.

Sika Danmark A/S  
Hirsemarken 5  
3520 Farum  
Tlf. +45 48 18 85 85  
www.sika.dk



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