

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

Composition	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 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.

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

TECHNICAL INFORMATION

Tensile adhesion strength	2.1 N/mm ²	(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:	
	Function	Product
	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 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 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 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

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 (≥ 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

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 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.

SIKA NORTHERN GULF

Bahrain / Kuwait
Tel: +973 177 38188
info@bh.sika.com
gcc.sika.com

SIKA SOUTHERN GULF

UAE / Oman / SIC
Tel: +971 4 439 8200
info@ae.sika.com
gcc.sika.com

Sika Saudi Arabia

Riyadh / Jeddah / Dammam
Tel. +966 11 217 6532
info@sa.sika.com
gcc.sika.com



ISO 9001: Sika UAE LLC,
Sika Gulf B.S.C. (C),
Sika Saudi Arabia Limited,
Sika International Chemicals LLC
ISO 14001: Sika UAE LLC,
Sika Gulf B.S.C. (C),
Sika Saudi Arabia Limited,
Sika International Chemicals LLC,
ISO 45001: Sika UAE LLC,
Sika Gulf B.S.C. (C),
Sika International Chemicals LLC.

All products are supplied under
a management system certified
to conform to the requirements
of the quality, environmental
and occupational health &
safety standards ISO 9001,
ISO 14001 and ISO 45001.

SikaProofAdhesive-02-en-AE-(11-2022)-2-1.pdf

Product Data Sheet

SikaProof® Adhesive-02

November 2022, Version 02.01
020720308200000005

