

Rasco Alu SAM VB

Cold-applied self-adhesive bituminous sealing membrane on aluminium carrier foil for waterproofing of buildings and structures in facade areas, for aeration application, as vapour barrier under screeds in accordance with EN 13970

It can be applied to vertical and horizontal surfaces, bituminous roof waterproofing agents, concrete, sand-lime bricks, bricks, plaster and all known and suitable substrates. It can be also applied to suitable metal, plastic and insulating surfaces.



PRODUCT FEATURES

- Solvent-free and environmentally friendly
- Self-adhesive, flexible, crack-bridging
- Applicable all year round
- Clean, easy and fast use
- Immediate resistance to water and driving rain
- No drying time needed
- UV-resistant
- Best resistance to aggressive agents
- Polymerised bitumen on PET-Al-PET laminate film
- Frost-free at least 12 months shelf-life

* Temperature: component, installation and ambient temperature.

TECHNICAL DATA



Thickness	0.8 mm
Width	1,000 mm
Weight	0.8 kg/m ²
Water vapour permeability	Sd-value > 1,500 m
Reaction to fire	Class E and B2
Working temperature*	-5°C to +30°C

DELIVERY UNITS

30 rm / carton | 15 cartons / pallet | pallet weight approx. 500 kg

15 rm / carton | 24 cartons / pallet | pallet weight approx. 400 kg

CE-MARKING

 0761	 <small>Bitumentchnik GmbH</small> Otto-von-Guericke-Ring 11 - 65205 Wiesbaden www.bitumenttechnik.de
13 CPR-DE1/9201 EN 13970:2004 Rasco Alu SAM VB <i>Cold self-adhesive polymer bitumen water vapour barrier membrane for waterproofing</i>	
Reaction to fire	Euro Class E
Water tightness	passed
Resistance to impact-proof	proof, method: A: ≤ 800 mm
Shear resistance of joints	npd
Flexibility at low temperature	≤ -30°C
Tensile strength:	
max. tensile force: MD/CD	250 ± 70 N / 50 mm
elongation: MD/CD	80 ± 60%
Resistance to tearing	40 ± 20 N
Durability of water tightness after artificial aging	passed
Durability of water tightness against chemicals	passed
Water vapor diffusion rate	Sd = 1600 ± 100
Dangerous substances	none

GENERAL NOTES

In case of sealing or maintenance work the relevant standards and guidelines must be followed.

SUBSTRATE PREPARATION

- Preparation of the substrate is always to be carried out in accordance with DIN 18533 part 2.
- The substrate must be sufficiently dry, level, stable, frost-protected, clean and without traces of oil, grease, tar, honeycombing, cracks, dust, dirt, residue mortar or other potential contaminants.
- Edges should be broken and inside joints rounded out with suitable material.
- **Rasco Alu SAM VB** has to be protected with suitable material against water seepage between membrane and substrate where necessary.
- Mineral substrates have to be prepared using **Rasco SAM Primer Special** (approx. 0.20 l/m² - 0.30 l/m²) at temperatures of +5 °C to +30 °C or at temperatures of -5 °C to +30 °C using **Rasco SAM Primer** (approx. 0.20 l/m² - 0.30 l/m²) according to DIN 18533 part 2.
- Open butt joints up to 5 mm in size should be filled by means of a scratch coating using a **Rasco 2K bitumen thick coating**.
- Open butt joints or pits > 5 mm must be filled using a suitable mortar.
- Metal, plastic and insulating surfaces do not need to be primed. Do however ensure that they are stable, grease-free and dry.

APPLICATION

It is advisable to apply **Rasco SAM Corner Tape** to all inside and outside corners as well as all wall / floor joints before application of **Rasco Alu SAM VB**.

Rasco Alu SAM VB is to be cut to the necessary length and application should always start at a corner. Always work from top to bottom.

Procedure:

- Remove approx. 30 cm of the protective paper at the top edge and apply membrane even to the substrate.
- Peel back the protective paper slowly and apply the membrane evenly and crease-free, using a suitable brush or rag for example to press it onto the substrate. Work from the centre to the edges.
- Press the applied membrane firmly onto substrate using a rubber roller for example.
- Apply further membranes by overlapping approximately 10 cm and roll over the joint area using a rubber roller.
- Proceed in the same manner with all further membranes.
- The top edge of vertical areas has to be secured using **Rasco Edging Tape Fleece**, **Rasco Alu SAM Edging Tape** or suitable edging strips.

SPECIAL NOTES

- Optimum and complete adhesion to the substrate is achieved after approximately 24 hours.
- Use **Rasco SAM Compound Tape** for horizontal joints, pipe passageways and other details as adhesion enhancer.
- Waterproofing is to be protected in accordance with DIN 18533 part 1.
- It is advisable to try out adhesion prior to application on metal, plastic- and insulating surfaces.
- Protect **Rasco Alu SAM VB** from intense heat, frost and moisture before and during application.
- Do not weigh down stored rolls.
- Please note the Declaration of Performance (accessible at <http://www.rasco-bitumen.com/>)

Note: The contents of this Technical Data Sheet ("TDS") may be copied into another project-related document, but the resulting document shall not supplement or replace requirements per the TDS in effect at the time of the Rasco product installation. For the most up-to-date TDS and warranty information, please visit our website at www.rasco-bitumen.com. Any alterations to the wording or requirements contained in or derived from this TDS shall void all related Rasco warranties.

Issue 04: This document has been updated with respect to the water vapour permeability. When this version is updated it will lose its validity.