

## Rasco Alu SAM VB RCV

Cold-applied self-adhesive bituminous membrane on aluminium carrier for the waterproofing of buildings and structures in facade areas, aeration application, as a vapour barrier under screeds in accordance with EN 13984 and roof areas larger than 2,500 m<sup>2</sup>

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.



EN 13984

### PRODUCT FEATURES

- Solvent-free and environmentally friendly
- Clean, easy and fast use
- UV-resistant
- Applicable all year round
- Polymerised bitumen on PET-Al-PET laminate film
- Self-adhesive, flexible, crack-bridging
- Immediate resistance to water and driving rain
- Best resistance to aggressive agents
- Frost-free at least 12 months shelf-life

### TECHNICAL DATA



Thickness	≥ 0.3 mm
Width	1,300 mm
Weight	0.3 kg/m <sup>2</sup>
Water vapour permeability	Sd-value > 1,500 m
Reaction to fire	Class E and B2
Calorific value	< 9,800 kJ/m <sup>2</sup>
Working temperature*	-5°C to +30°C

\* Temperature: component, installation and ambient temperature.

### DELIVERY UNITS

50 m / roll | 24 rolls / pallet | pallet weight: approx. 790 kg

## CE-MARKING

 0761	 <small>Bitumentchnik GmbH</small> <b>Otto-von-Guericke-Ring 11 - 65205 Wiesbaden</b> <a href="http://www.bitumenttechnik.de">www.bitumenttechnik.de</a>
<b>12</b> <b>CPR-DE1/9311</b> <b>EN 13984:2004+A1:2006</b> <b>Rasco Alu SAM VB RCV</b> <i>Cold self-adhesive calorific value reduced polymer bitumen membrane as vapour barrier for waterproofing</i>	
Water tightness:	passed
Resistance to impact-proof:	proof, method: A: ≤ 100 mm
Durability of water vapor transmission resistance after artificial aging:	passed
Durability of water tightness against chemicals:	npd
Resistance to tearing:	≥ 10 N
Shear resistance of joints:	≥ 180 N / 50 mm
Water vapor diffusion rate:	Sd = 1600 ± 100
Tensile / elongation behaviour:	
Longitudinal tensile strength:	≥ 170 N/mm <sup>2</sup>
Across:	≥ 220 N/mm <sup>2</sup>
Elongation at break: MD / CD	≥ 20%
Reaction to fire	Euro Class E
Dangerous substances	none

## GENERAL NOTES

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

## SUBSTRATE PREPARATION

- 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.
- Mineral substrates have to be prepared using **Rasco SAM Primer Special** (approx. 0.20 l/m<sup>2</sup> - 0.30 l/m<sup>2</sup>) 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/m<sup>2</sup> - 0.30 l/m<sup>2</sup>) according to DIN 18533 part 2.
- Bitumen, metal, plastic and insulating surfaces do not need to be primed. Do however ensure that they are stable, grease-free and dry.

## APPLICATION

**Rasco Alu SAM VB RCV** 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** or suitable edging strips.

## SPECIAL NOTES

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- Optimum and thorough adhesion to the substrate is achieved after approximately 24 hours.
- Waterproofing is to be protected in accordance with DIN 18533 part 1.
- Protect **Rasco Alu SAM VB RCV** 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](http://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 perforation. When this version is updated it will lose its validity.