

Rasco SAM EQ (Thickness 1.2 mm)

Cold-applied self-adhesive bituminous sealing membrane for waterproofing of buildings in accordance with EN 13969

Protects underground structures permanently against ground damp (capillary water, retained water), non-standing seepage water, pressure-free water and as a water vapour retardant under screeds.

It can be applied to vertical and horizontal surfaces, foundation slabs, foundations, balconies, terraces, underground garages and cellar walls as well as all known and suitable mineral substrates.



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
- As dampproof course below screed
- No drying time needed
- Polymerised bitumen on tearproof HDPE carrier film
- Frost-free at least 12 months shelf-life

TECHNICAL DATA

| | |
|------------------------------------|-----------------------|
| Thickness | 1.2 mm |
| Width | 1,000 mm |
| Weight | 1.2 kg/m ² |
| Water vapour permeability | Sd-value 320 m |
| Resistance to hydrostatic pressure | 4 bar (40 m) passed |
| Reaction to fire | Class E |
| Working temperature* | -5°C to +30°C |

* Temperature: component, installation and ambient temperature.



DELIVERY UNITS

20 rm / carton | 15 cartons / pallet | pallet weight approx. 435 kg

15 rm / carton | 15 cartons / pallet | pallet weight approx. 335 kg

5 rm / carton | 24 cartons / pallet | pallet weight approx. 200 kg

CE-MARKING

| | |
|--|--|
|  0761 |  Bitumentchnik GmbH Otto-von-Guericke-Ring 11 - 65205 Wiesbaden www.bitumentchnik.de |
| 13 CPR-DE1/9031 EN 13969:2004 + A1:2006 Rasco SAM EQ (Thickness 1.2 mm) <i>Cold self-adhesive polymer bitumen membrane for waterproofing</i> | |
| Reaction to fire | Euro Class E |
| Water tightness | passed |
| Resistance to impact-proof | proof, method: A: ≤ 100 mm |
| Shear resistance of joints | npd |
| Flexibility at low temperature | ≤ -5°C |
| Tensile strength: | |
| max. tensile force: MD/CD | 160 ± 100 N / 50 mm |
| elongation: along | 500 ± 300% |
| across | 800 ± 300% |
| Resistance to static loading | Proof, method: B: ≤ 5 kg |
| Resistance to tearing | 110 ± 30 N |
| Durability of water tightness after artificial aging | passed |
| Durability of water tightness against chemicals | passed |
| 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 professional.
- 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.
- **Rasco SAM EQ (Thickness 1.2 mm)** 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. 0.10 ml/m² - 0.15 ml/m²) at temperatures of +5 °C to +30 °C or at temperatures of -5 °C to +30 °C using **Rasco SAM Primer** (approx. 0.10 ml/m² - 0.15 ml/m²).
- 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.

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 SAM EQ (Thickness 1.2 mm)**. **Rasco SAM EQ (Thickness 1.2 mm)** 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 firm pressure.
- 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 always to be protected with suitable sheets, thermal insulation or coverings. If necessary, attention should be paid to national norms or guidelines.
- Insulation and draining panels can be glued onto the membrane using **Rasco 2K bitumen thick coatings**.
- Protect **Rasco SAM EQ (Thickness 1.2 mm)** 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 05: The CE label has been updated in this publication. When this version is updated it will lose its validity.