

## SURFASEAL SAM 1.5MM

### Product Information Page

**SURFASEAL SAM 1.5** is a cold applied, self adhesive bituminous membrane for the waterproofing and protection of structures in accordance with DIN 18533, EN 13969, DIN V 20000-202 and BS 8102.

**SURFASEAL SAM 1.5** consists of a propriety high quality polymerised bitumen on a cross-laminated, tearproof HDP carrier film with grid.

**SURFASEAL SAM 1.5** is used for waterproofing of all basement grades according to **BS8102:2009**.

#### Specification Tip for Design Professionals:

SURFASEAL SAM 1.5 may be specified by name or by using the following description: a propriety 1.5mm waterproofing membrane, which is radon tight, consisting of a propriety high quality polymerised bitumen on a cross-laminated, tearproof HDPE carrier film with grid.

#### How does SURFASEAL SAM 1.5mm work:

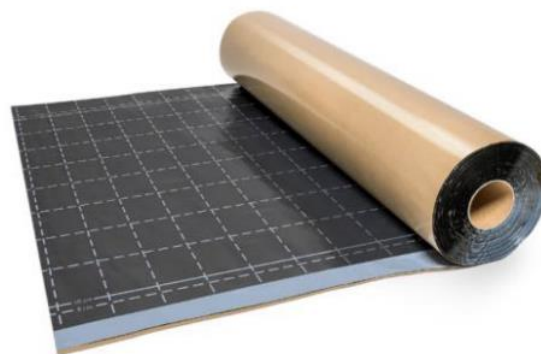
SURFASEAL SAM 1.5mm is an impermeable membrane that bonds to vertical or horizontal substrates offering protection against water, damp and gas penetration.

#### How do I prepare the surface:

The substrate onto which SURFASEAL SAM1.5 is to be placed should be primed SURFASSEAL SAM Primer.

All inside/outside corners and all wall /floor joints should be detailed using SURFASEAL SAM Corner Tape.

Detail all penetrations using 2K Bitumen and SURFASEAL Compound Tape



- ✓ Self-Adhesive and Crack-Bridging
- ✓ Impervious to Radon
- ✓ Vulcanisation strip for secure seams
- ✓ Solvent-free and environmentally friendly
- ✓ High puncture and tear resistance
- ✓ Quick and easy to install without complicated welding equipment
- ✓ High compound shear strength
- ✓ Can be installed in every season independently of temperature and weather conditions
- ✓ Quality control tests to ensure consistent high quality

**SURFASOLOGY**

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### How do I install SURFASEAL SAM 1.5mm :

- Cut the SURFASSEAL SAM 1.5mm into suitable lengths.
- Mark a straight vertical guide-line on the wall.
- Peel the protective paper from the top edge of the SURFASSEAL SAM 1.5mm and brush, cloth or rubber roller compress the membrane onto the primed substrate working from the centre towards the edges. Work your way down the wall in the same manner.
- Apply the subsequent lengths of membrane in the same manner ensuring a minimum 10cm overlap is allowed.
- The termination points should be detailed as per the methodology provided by SURFASOLOGY.

### Important:

- A ground water management system should be in operation until all waterproofing and all concrete is installed and cured.
- All non-movement construction and movement joints should be detailed as per the methodology provided by SURFASOLOGY.
- A fully maintainable land drain system should be installed and the waterproofing should be protected prior to backfilling .
- Backfilling should be clean, well graded and compacted every 300mm and be free from construction debris in accordance with ASTM 1557.

### Packaging:

- 11m 2 rolls (1m x15m)

### How do I store SURFASEAL SAM 1.5mm

- SURFASEAL SAM 1.5mm should be stored off the ground in dry conditions.

### Additional Information:

- For additional information, practical presentations, or independent test reports on SURFASEAL SAM 1.5mm please contact our Technical Department.
- Please protect the environment: Dispose of waste in accordance with the local authority regulations.

### TECHINCAL DATA:

Thickness	1.5mm
Width	1,000mm (975mm x 25±5mm vulc strip)
Weight	1.5kg/m <sup>2</sup>
Water vapour permeability	Sd-value 235m
Resistance to hydrostatic pressure	8 bar (80m) passed
Reaction to fire	Class E
Working Temperature	-5°C to + 30°C

**Disclaimer:** The general information provided in the present technical description, application guidelines and other recommendations, is based on research and experience. However, the client is obliged to determine themselves what products are suitable for use. Accordingly, no liability will be accepted by IBC Limited t/a SURFASOLOGY™.

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SURFASOLOGY



## Smart Surface Solutions

Waterproofing and Damp Proofing Specialists

## WHO WE ARE

**SURFASOLOGY**, formerly IBC Ltd., is Ireland's leading waterproofing and damp proofing specialist that has been proudly providing market leading, innovative, and sustainable construction solutions since 1976.

Our high-quality products and systems are accompanied by our professional technical support and a full installation service. **SURFASOLOGY** technical consultancy team have unrivalled experience in major construction projects, as well as solving everyday problems for homeowners, with long term trustworthy solutions.

Our products are all manufactured in ISO Quality System compliant facilities and meet the relevant local, National, & European standards. **SURFASOLOGY** network members manufacture products exclusively in Germany, Switzerland, Spain, Greece and the UK. We support these products in local markets with highly-qualified technical professionals, who understand both on-site demands and the design detail. We work in a collaborative way with our clients at all stages of the project to ensure that the correct design, preparation, and application are carried out to ensure a timely and successful outcome for all stakeholders.

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SUSTAINABLE CONSTRUCTION  
SOLUTIONS, POWERED BY OUR  
EXTENSIVE EXPERIENCE AND  
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