

TECHNICAL DATA SHEET - HyDra SAM Tape 1,5

HyDra SAM Tape 1.5 is a self-adhesive, bituminous membrane that is mainly used to waterproof and radon-tight constructions in combination with HyDra SAM Wall 1.5 or as an extra seal over joints in the construction. HyDra SAM Tape 1.5 is a cold-applied membrane that can be mounted down to -5 °C.

The water and radon-tight membrane consists of a bitumen mixture and a cross-laminated HDPE foil with a clearly marked overlap, which facilitates assembly..

HyDra SAM Tape 1.5 is CE marked in accordance with EN 13969 and EN 14967.

HyDra SAM Tape 1.5 can be used on vertical and horizontal surfaces, such as basement walls, foundations, etc. Can be used on all known and suitable substrates such as concrete, lime-sandstone, brick, plaster etc..



ADVANTAGES

- ✓ Can be used at low temperature
- ✓ Self-adhesive, flexible
- ✓ Crack bridging



Working temperature between -5 ° C & + 30 ° C



Solvent-free and environmentally friendly



Moisture barrier



Radon-tight



HDPE foil



DS/EN 13969
DS/EN 14967



Immediately Waterproof

TECHNICAL DATA

| | |
|--|-------------------------------|
| Thickness: | 1,5 mm |
| Measurement: | Width 300 mm, Length 15 meter |
| Weight: | 1,5 kg/m ² |
| Water vapor permeability: | Sd value 235 m |
| Hydrostatic pressure | 8 bar |
| Radon gas diffusion coefficient (m ² s-1) | 1,49 x 10-13 |
| Fire class | Fire class E |
| Working temperature** | -5°C to +30°C |



* The study was conducted using a test unit from the company "Form + Test Seidner" type "DP 3 MM". The high pressure load was performed for a period of 5 days. There is no link to the facts and the requirements of the website.



** Temperature: component, installation and ambient temperature

PACKAGING AND STORAGE

15 meters per roll, 3 rolls per carton.
At frost-free storage 12 months shelf life. The rolls must be stored upright.

CE-MARKING

| | |
|--|--|
|  0761 13 |  Hallsbergsterminalen 11, SE-694 35 Hallsberg, www.hydratec.se |
| HyDra SAM Tape 1,5 DS/EN 13969:2004+A1:2006 Cold self-adhesive polymer bitumen membrane for waterproofing | |
| Reaction to fire Water tightness Resistance to impact-proof Shear resistance of joints Flexibility at low temperatures Tensile strength: Max. tensile force (MD/CD) Elongation: Along Across Resistance to static loading Resistance to tearing Durability of water tightness after artificial aging Durability of water tightness against chemicals Dangerous substances | Class E Passed Proof, Method A ≤ 200 mm 230 ±80 N/50 mm ≤ -30°C 240 ±40 N/50 mm 370 ±100 % 320 ±80 % Proof, Method B ≤ 5 kg 140 ±40 N Passed Passed None |

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|--|--|
|  0761 13 |  Hallsbergsterminalen 11, SE-694 35 Hallsberg, www.hydratec.se |
| HyDra SAM 1,5 Wall DS/EN 14967:2006 Cold self-adhesive polymer bitumen membrane for waterproofing | |
| Reaction to fire Water tightness Resistance to impact-proof Durability of water tightness after artificial aging/ decomposition Durability of water tightness against chemicals Flexibility at low temperature Dangerous substances | Class E Passed Proof, Method A ≤ 200 mm Passed Passed ≤-30°C None |

PREPARATION OF BASIS

- The surface must be dry, even, stable, clean and free of traces of oil, grease, tar, cracks, dust, dirt, or other potential contaminants
- The surface must be free of snow, frost and ice.
- The edges should be broken (chamfered) and inner corners can be rounded with suitable material for easier installation.
- Protruding or cavities of the substrate <5 mm must be filled with HyDra 1K / 2K or removed.
- Protrusions or cavities in the substrate > 5 mm must be filled with suitable mortar or removed.

INSTALLATION

HyDra SAM Tape 1.5 should be cut to the desired length and installation should always be done from top to bottom. Always work with membranes from top to bottom.

HyDra SAM Primer is applied to all concrete surfaces (not to membrane surfaces). HyDra SAM Primer can be applied between -5°C and + 30°C. NOTE The primer must be transparent and tacky before the membrane can be mounted.

Drying time depends on temperature and humidity. All primed surfaces must be covered with membranes on the same day. See separately TDS HyDra SAM Primer..

Do as follows:

- HyDra SAM Tape 1.5 should be stored at room temperature above 20°C before use for smoother installation.
- Remove approx. 30 cm of the protective paper on the top edge and place the membrane on the substrate.
- Carefully remove the protective paper and place the membrane evenly and without air bubbles with a suitable brush / roller.
- Work from the middle towards the edges. Press the membrane onto the base with a rubber roller / steel roller.
- Apply additional membranes by overlapping approx. 10 cm and roll the overlap with a rubber roller / steel roller.
- The upper edge should be covered with HyDra Edge Fleece Tape.
- HyDra Rubber LM is used for pipe penetrations. See separate TDS.
- Before backfilling, the membrane must be protected against damage with, for example, insulation or a protective plate.
- See detailed installation instructions and contact Hydratec Scandinavia for support

INFORMATION

- Insulation and protective panels can be mounted on the membrane with HyDra 2K Poly minimal shrinkage.
- Protect HyDra SAM Tape 1.5 from strong heat, frost and moisture before and during use.
- Store the rollers upright.
- At strong sunlight and warm air the membrane can start to separate. Protect from strong sunlight.
- Further information is available at www.hydratec.se