

TECHNICAL DATA SHEET - HYDRA SAM WALL

DESCRIPTION

HyDra SAM Wall is a self-adhesive, post-applied bitumen membrane for waterproofing and radon protection of concrete constructions.

The membrane is applied without welding and can be applied down to -5°C. HyDra SAM Wall consists of HDPE foil and polymerised bitumen. The foil is the primary waterproofing in the membrane, whereas the polymerised bitumen is the self-adhesive part and functions as a secondary waterproofing.

The membrane is equipped with a 25 mm bitumen strip to ensure an optimal adherence in overlaps. The membrane is also equipped with "guidelines" for overlap to ensure a correct and efficient appliance.



Working temperature



Solvent-free



Instant waterproofing



Radon secure



Bitumen strip for overlap



HDPE foil



EN 13969



EN 14967

ADVANTAGES

- **Solvent free and eco-friendly**
- **Low working temperature**
- **Cold-applied and self-adhesive**
- **Flexibel**
- **Water - & radon secure**
- **Crack-bridging**
- **Strong & secure overlap**

APPLICATIONS

- Water- & radonproofing of concrete structure

APPLICATION AREAS

- Vertical & horizontal surfaces
- Below-ground structures
- Foundation slabs & foundations

TECHNICAL SPECIFICATIONS

Thickness	1,5mm
Width	1000mm (975mm+ 25mm bitumen strip)
Weight	1,5 kg/m ²
Water vapour permability	Sd-value 235m
Resistance to hydrostatic pressure*	80 mVP (8 bar)
Resistance to hydrostatic pressure in overlaps**	60 mVP (6 bar)
Reaction to fire	E
Working temperature***	-5°C to +30°C

* Examination was carried out using a test unit from company "Form+Test Seidner" type "DP 3 MM". High pressure load testing was carried out over a period of 5 days. No connection to actual circumstances and requirements on the building site exists.

** Tested by Vattenfall AB, R&D Laboratories. A hydrostatic pressure of 6 bars were applied on the overlap during 3 days.

*** Temperature: component, installation and ambient temperature

STORAGE

Can be stored for at least 12 months in frost free storage. Must be kept upright.

ASSEMBLY

A swedish assembly guide is available for download on our webpage www.hydratec.se

ENVIRONMENTAL ASSESSMENTS

The product is listed in the Nordic ecolabeling house portal for building products and can therefore be used in Swan-certified buildings.

EPD is available for this product. Contact Hydratec for more information.



BVB ID
171238



SundaHus

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PRODUCT RANGE

Item nr.	Description	Length	Width	Thickness	Pcs/crt	Pcs/pallet	Unit
1321020	HyDra SAM Wall	15m	1,0m	1,5mm	15	225	KVM
1321021	HyDra SAM Tape	15m	0,3m	1,5mm	3	45	ST
1321023	HyDra SAM Corner Tape	15m	0,3m	1,5mm	3	45	ST
1321031	HyDra SAM Primer 2.0	-	-	-	5	300	L



HyDra SAM Wall



HyDra SAM Tape



HyDra SAM Corner Tape





HyDra SAM Primer 2.0





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CE-MARKING

 0761	 Hallsbergsterminalen 11 69435 Hallsberg Sweden. www.hydratec.se
HyDra SAM Wall CPR-DE1/9042 / EN 13969:2004+A1:2006 Cold self-adhesive polymer bitumen membrane for waterproofing	
Reaction to fire:	Euro Class E
Water tightness:	Passed
Resistance to impact-proof:	Proof, method: A: ≤ 200 mm
Shear resistance of joints:	230 +/- 80 N / 50 mm
Flexibility at low temperature:	≤ -30°C
Tensile strenght: max. tensile force: MD/CD	240 +/- 40 N / 50 mm
Elongation:	Along: 370 +/- 100% Across: 320 +/- 80%
Resistance to static loading:	Proof, method: B: ≤5kg
Resistance to tearing:	140 +/- 40 N
Durability of water tightness after artificial ageing:	Passed
Durability of water tightness against chemicals:	Passed
Dangerous substances	None

 0761	 Hallsbergsterminalen 11 69435 Hallsberg Sweden. www.hydratec.se
HyDra SAM Wall CPR-DE1/9042 / EN 14967:2006 Cold self-adhesive polymer bitumen membrane for waterproofing	
Reaction to fire:	Euro Class E
Water tightness:	Passed
Resistance to impact-proof:	Proof, method: A: ≤ 200 mm
Durability of water tightness after artificial ageing/ decomposition:	Passed
Durability of water tightness against chemicals:	Passed
Flexibility at low temperatures:	≤ -30°C
Dangerous substances	None

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