

TECHNICAL DATA SHEET - HYDRA SPRUTMEMBRAN

DESCRIPTION

HyDra Sputmembran – Sprayable, Seamless, Waterproof, and Radon-Resistant Membrane

HyDra Spray Membrane is a cold-applied, seamless membrane with a wide range of applications. The product is waterproof and radon-resistant, providing a protective coating against water, salt, and chemical penetration.

Applications: Can be applied to basement walls, foundations, parking decks, hollow-core slabs, courtyard slabs, sprinkler tanks, etc.

Corrosion protection: Can also be used as a rust inhibitor.

High-temperature resistance: Withstands high temperatures and is ideal as a base layer for asphalt paving.

APPLICATION

HyDra Sprutmembran is applied using a specialized sprayer designed for this system. The product is eco-friendly, solvent-free, and water-based, making it a safer alternative to hot-applied membranes that require an open flame on-site.

- **Seamless and flexible** – Forms a permanent water- and radon-resistant membrane.
- **VOC-free** – Contains no harmful organic pollutants.
- **User-friendly and safe** – No heat or open flame required during application.

Application and Surface Preparation:

For best results, the surface should be dry and free from dust, dirt, grease, and oil.

- Remove cement laitance and loose, deteriorating parts before application.
- Recommended coverage: 2.7 kg/m² (depending on the desired thickness).
- At 1.0 mm thickness, the membrane is airtight and vapor-proof.
- At 2.0 mm thickness, it is also water- and radon-resistant.

Drying Time and Curing:

- Touch-dry within a few minutes after application at 20°C.
- Fully cured and fully bonded to the substrate within 48 hours (depending on temperature and humidity).

Application Capacity:

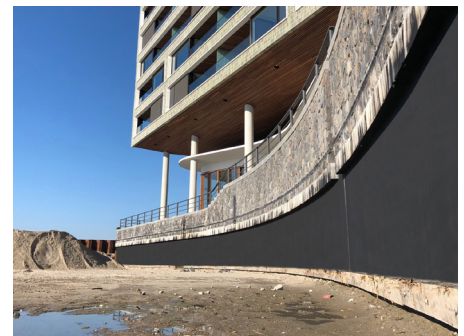
- Typically 500–900 m²/day.
- Under optimal conditions, up to 1,500 m²/day.

ADVISE & PRECAUTIONS

Safety and Handling – HyDra Sprutmembran is mildly alkaline. Follow standard safety precautions during application. Refer to the safety data sheet for more information.

Temperature Limitation – The product should not be applied at temperatures below 5°C.

Frost and Weather Sensitivity – Uncured membrane may be damaged if frozen. Do not apply to wet or frozen surfaces, or when rain is expected.



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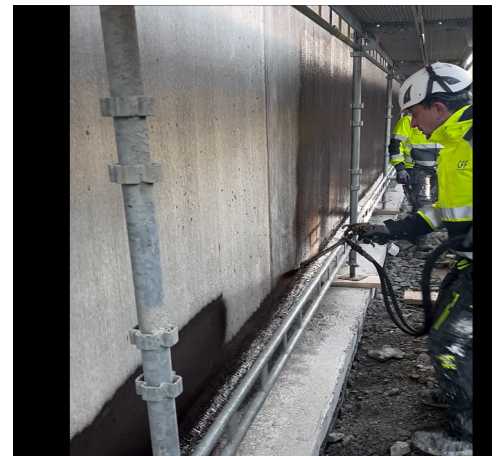
RANGE OF ARTICLES

Item.nr	Description	Unit
1312015	HyDra Sprutmembran 200L	L
1312016	HyDra Sprutmembran 1000L	L
1312020*	Calcium chloride HyDra Sprutmembran 25KG	Pkg
1312021	Two component pump HyDra Sprutmembran	St
1312022	Spraygun HyDra Sprutmembran	St
1312023	Nozzle set HyDra Sprutmembran (3 st/frp)	St
1312024	Renovation kit Two component pump	St
1312025	Renovation kit spraygun	St
1312026	Extra hose for two component pump	M

*=1 bag (25kg) is used for 1000 liter sprutmembran



Two component pump HyDra Sprutmembran



OTHER INFORMATION



BVB ID
174584



This product is listed in the Nordic Swan Ecolabel's Building Product Portal and is therefore approved for use in Swan-labeled buildings.

STORAGE

Fire and Transport Classification:

The product is non-flammable and requires no special precautions for transport or storage.

Storage Requirements:

Do not store at temperatures below +5°C. Keep in the original container with a tightly sealed lid when not in use to prevent surface foaming.

Safety:

Keep out of reach of children.

Further Information:

Refer to the safety data sheet for more detailed information. Current safety data sheet can be found on our webpage www.hydratec.se

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TECHNICAL INFORMATION

PHYSICAL PROPERTIES (UNCURED)

DESCRIPTION	VALUE
Color	Brown/black
Specific gravity (liquid), g/cm ³	Approx. 1.0
Odor	None
Volatile organic compounds (VOC) - solid content	Contains no solvents
Solid content %	53-58%
Viscosity Brookfield CPS	1-100
pH	10-12

CURED MEMBRANE

mm	kg/m ²	
1.00	1.35	Airtight
2.00	2.7	Waterproof & radon-resistant 7.5 BAR

PERFORMACE (CURED)

DESCRIPTION	RESULT
Color	Black
Specific gravity g/cm ³	Approx. 1.0
Water absorption NEN-EN-ISO 15148:2002	0.00011kg/m ² .sec ^{0.5}
Water vapor transmission NEN-EN-ISO 7783:2011 Crack	0.59 g/m ² *24h
Crack bridging ASTM C1305	Approved
Adhesion to limestone	2,1 n/mm ²
Adhesion to PVC	1,4 n/mm ²
Adhesion to steel	1,9 n/mm ²
Adhesion to aluminum	2,7 n/mm ²
Adhesion to concrete	2,07 n/mm ²
Adhesion to wood	2,9 n/mm ²
Tensile strength ASTM D638	Passed (>90% original value)
Elongation % ASTM D638	850%
Recovery %	>90%
Salt resistance ASTM B117-09	Passed >1200h
Air permeability ASTM E2178	0.0004 L/(s.m ²) at 75 Pa



Declaration of performance

Construction products
regulation (CPR)

EU 305/2011

We reserve the right for typographical errors and refer to the fact that the current version of the information is always available at www.hydratec.se or can be requested by contacting our office. The current version number can be found in the upper left corner

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