



## HYDROMASTER SA

SBS-MODIFIED BITUMEN SELF-ADHESIVE POLYESTER-REINFORCED MEMBRANE



### DESCRIPTION:

Self-adhesive polyester-reinforced SBS-modified bitumen membrane HYDROMASTER SA is designed to complete secure application. It is used as an underlay on pitched roofs and as a vapor barrier.

### GENERAL REQUIREMENTS:

- Rolls of the material should be stored indoors in a dry place in their original packaging and taken to the construction site ready to use.
- Keep the rolls upright and do not stack pallets.
- Falls or other mechanical impacts should be avoided during transportation and storage.
- The application surface must be cleaned of dust, debris, grease, leaves, oil and should not have gaps and cracks or other irregularities to ensure proper adhesion of the membrane.
- Surface must be treated with primer before installation of waterproofing material.

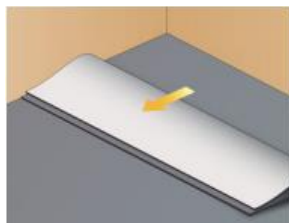


### INSTALLATION:

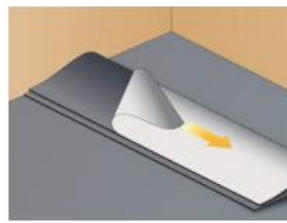
#### ▪ FLAT SURFACE



Fit and straighten the membrane to the surface already treated with bitumen primer.



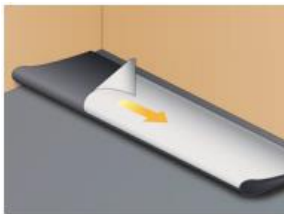
Fold the membrane in half of its width (50 cm) and pre-cut the protective film.



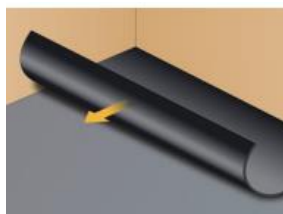
Remove silicone antiadhesion film from the first half of the membrane.



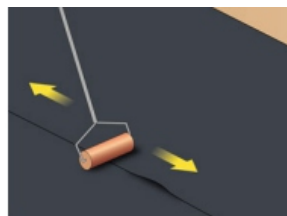
Spread the folded part of the membrane back onto the surface with the adhesive side down.



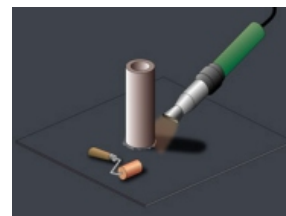
Fold the roll from the opposite side and remove the rest of the silicone film.



Spread the remaining half of the membrane back onto the surface.



Longitudinal overlaps – 80-100 mm. End overlaps – 150 mm. Overlaps to be pressed with a heavy roller.



To facilitate the adhesion of the membrane on adjacent elements use a hot air dryer.

## DECLARED PERFORMANCE:

Essential characteristics	Test method	Performance	Essential characteristics	Test method	Performance
Protection of the top side	-	polymer film	Softening point, °C	ASTM D36	≥+100
Protection of the bottom side	-	self-adhesive binder / anti-adhesion film	Flexibility at low temperature, °C	EN 1109-1	≤-20
Length, m	EN 1848-1	≥20.0	Flow resistance at elevated temperature, °C	EN 1110	≥+90
Width, m	EN 1848-1	≥1.0	Watertightness at 0.1 MPa for 24 hours	EN 1928	Pass
Straightness	EN 1848-1	≤10 mm / 5 m	External fire performance	EN 13501-5	Froof
Mass per unit area, kg/m <sup>2</sup>	EN 1849-1	1.8±0.20 2.3±0.20	Reaction to fire	EN 13501-5	Euroclass E
Thickness, mm	EN 1849-1	1.5±0.20 2.0±0.20	Dimensional stability, %	ASTM D5147	1,0
Type of carrier	-	polyester	Peel resistance of joints: overlap to overlap / overlap to film, N/50mm	EN 12316-1	≥40 / ≥20 (1.5 mm) ≥60 / ≥30 (2.0 mm)
Tensile properties: maximum tensile force L/T, N/50mm	ASTM D5147	400±100 / 300±100	Visible defects	EN 1850-1	Pass
Tensile properties: elongation L/T, %	ASTM D5147	35±20 / 35±20	Water vapor transmission properties	EN 1931	μ=20000
Tear resistance L/T, N	ASTM D4073	≥100 / ≥100	Dangerous substances	Does not contain dangerous substances	

Footnotes: L / T – Longitudinal / Transverse; NPD