

STARSELF HDPE 1500

Elastomeric Bitumen Based, Self Adhesive, Cross Laminated HDPE Surfaced Membrane

PRODUCT DESCRIPTION

Self-adhesive waterproofing membrane with cross laminated H.D.P.E surface. The silicone foil on the lower surface is removed and applied.

APPLICATION AREAS

Horizontal and vertical surfaces

Terrace, roof, roof creek insulation,

For building and construction elements exposed to leakage water, temporary or continuous water pressure protection and insulation.

ADVANTAGES

Easy to prepare and implement.

Does not require torch and hot air supply.

It adheres to the applied surface.

Helps detail solutions.

It has crack bridging feature.

Provides insulation without requiring drying time after application.

It can be applied on vertical and horizontal surfaces.

TECHNICAL SPECIFICATIONS

Material Properties

Top Surface : Cross laminated HDPE

Bottom Surface : Silicone Foil

Color : Black

Application Temperature : +10 °C 30 °C

Thickness : 1,50 mm

Weight : 2,2 kg/m²



Watertight



High flexibility



Flame-free
Easy installation



Good application
to support

Application Procedure

Preparation of Substrate

Application surface must be dry, clean and clean off materials which prevent bonding, such as dust, oil, rust and remove loose pieces. High absorbent surfaces such as concrete, plaster, chipboard must be primed with bituminous based primer.

Application Method

Peel the removable film layer of STARSELF HDPE 1500 and pressed firmly sticky surface on substrate. Tape should be fully contact with the substrate by pressing its every point on application surface. It should be pressed onto the foil using a silicone roller.

Packaging

Width (cm)	Length (m)	Pallet Size (cm)	Roll Weight	Rolls in box
100 cm	10 m	100x120	22,00 kg $\pm 10\%$	42 rolls without box
100 cm	10 m	100x120	22,00 kg $\pm 10\%$	30 rolls with box

Storage Conditions and Shelf Life

2 years from the production date in case it is stored in its sealed and undamaged package in dry ambient conditions at a temperature from +5°C to +30°C away from direct sunlight.

In cases where the air temperature is below +10°C, the use of a hot air source is recommended.



SAFETY DATA SHEET (SDS)

STARSELF HDPE 1500

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PRODUCT NAME	STARSELF HDPE 1500		
PRODUCT PROPERTIES	VALUE		
Thickness	1,5mm		
Roll Width	100 cm		
Unit Weight	2,2 kg/m ²		
Roll Length	Standart: 10 m Max.: 20 m		
Top Surface	Aluminium Foil		
Bottom Surface	Siliconized Film		
Color	Black		
HS Code	6807.10.00.00.00		
PERFORMANCE			
Characteristic	Test method	Units	Result
Water tightness to liquid water – Method B 2 kpa	EN 1928	-	Pass
Tensile properties: maximum tensile force / elongation	EN 12311-1	N/50mm	> 250 N/50mm
Durability of water vapour resistance against artificial ageing	EN 1296 + EN 1931	-	Pass
Durability of watertightness against chemicals	EN 1847 + EN 1928	-	Pass
Resistance to tear (nail shank)	EN 12310-1	N	NPD
Impact resistance	EN 12691	mm	NPD
Low temperature flexibility	EN 1109	°C	-25 °C
Flow Resistance at Elevated Temperature	EN 1110	°C	80 °C
Joint strength	EN 12317-1	N/50mm / ±%10	>200 N/50mm
Reaction to fire	EN 13501-1	-	E
Length	EN 1848-1	m	10 m *
Width	EN 1848-1	cm	100 cm
Thickness	EN 1849-1	mm	1,5 mm ±%10
Mass	EN 1849-1	Kg/m ²	2,2 kg/ m ² ±10%
Visible defects	EN 1850-1	-	None

**Special thickness and size can be produced according to customer demands.*