

IMPERPUMA PLUS v4



Asphalt membrane made with modified bitumen. Complies with the European standard UNE EN 13707

DESCRIPTION

1m x 10m x 4kg/m² plastomer (APP) modified bitumen membrane, with fiberglass reinforcement, finished with non-stick polyethylene film on both sides. Bituminous waterproofing membrane of the type LBM-40-FV.

TECHNICAL CHARACTERISTICS

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ADVANTAGES AND USES

- Single layer system under heavy protection.
- Two layer system under heavy protection.
- Lower membrane in two layer system exposed to weather.
- Membrane for making underground structures watertight and lower membrane in roof gardens.

APPLICATION PROCEDURE

- Install by adhesion using a blowtorch.

RECOMMENDATIONS

- Not recommended as a single layer system exposed to weather, a top membrane in a two layer system exposed to weather or as a top membrane in roof gardens.
- Store vertically.
- Protect from weather conditions and humidity.
- Do not apply at temperatures below -5°C.

PACKAGING AND STORAGE

Packaged in pallets with 25 rolls per pallet. Maximum shelf life: 12 months, protected from weather conditions and humidity.

TECHNICAL DATA

TECHNICAL CHARACTERISTICS	TEST STANDARD	UNIT	VALUE
External Fire Behavior	prEN 13501-5	-	Broof(t1)
Reaction to fire	EN 13501-1	-	E
Watertightness	EN 1928 (A)	-	Pass
Longitudinal Traction Resistance	EN 12311-1	N/50 mm	500±100
Transversal Traction Resistance	EN 12311-1	N/50 mm	400±100
Longitudinal elongation at breakpoint	EN 12311-1	%	PND
Transversal elongation at breakpoint	EN 12311-1	%	PND
Root penetration resistance	prEN 13948	-	PND
Static load resistance	EN 12730	Kg	PND
Impact resistance	EN 12691	mm	PND
Joint resistance to longitudinal shear	EN 12317-1	N/5 cm	400±100



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Joint resistance to transversal shear	EN 12317-1	N/5 cm	400±100
Foldability	EN 1109	°C	≤ -15
Water vapor transmission	EN 1931	(m ² .s.Pa)/Kg	20.000
Creep resistance	EN 1110	°C	≥ 120
Dimensional stability	EN 1107-1	%	PND
Adhesion of granules	EN 12039	%	PND
Hazardous substances	-	-	PND

PND: Performance Not Determined; Pass: Positive; Does not pass: Negative

OTHER ADDITIONAL CHARACTERISTICS	TEST STANDARD	UNIT	VALUE
Visible defects	EN 1850-1	-	Faultless
Mass	EN 1849-1	Kg/m ²	[3.80-4.40]
Length	EN 1848-1	m	10
Width	EN 1848-1	m	1
Straightness	EN 1848-1	-	Pass
Roll surface area	-	m ²	10
Rolls per pallet	-	-	25

LEGAL DISCLAIMER

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