

IMPERPUMA BP V-4



Bitumen-based asphalt membrane reinforced with polymers. Complies with the European standard UNE EN 13707

DESCRIPTION

1m x 10m x 4kg/m² membrane made of bitumen with polymer additives, with fiberglass reinforcement, finished with non-stick polyethylene film on both sides. Bituminous waterproofing membrane made of bitumen with polymer additives of the type LA-40-FV.

TECHNICAL CHARACTERISTICS

It is composed of fiberglass reinforcement, mastic made of bitumen with polymer additives and finished with non-stick polyethylene film on both sides.

ADVANTAGES AND USES

- Lower membrane in single layer system improved with modified bitumen membranes.
- Membrane for making underground structures watertight.

APPLICATION PROCEDURE

- Install by adhesion using a blowtorch.

RECOMMENDATIONS

- Not recommended as a single layer system, two layer system unless with an auxiliary bituminous membrane, top membrane in a two layer system exposed to weather or 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 at temperatures above +5°C.

TECHNICAL DATA

TECHNICAL CHARACTERISTICS	TEST STANDARD	UNIT	VALUE
External Fire Behavior	prEN 13501-5	-	PND
Reaction to fire	EN 13501-1	-	E
Watertightness	EN 1928 (A)	-	Pass
Longitudinal Traction Resistance	EN 12311-1	N/50 mm	350±150
Transversal Traction Resistance	EN 12311-1	N/50 mm	250±150
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	PND



ASPHALT IMPERPUMA BP V-4

Foldability	EN 1109	°C	≤ -15
Water vapor transmission	EN 1931	(m ² .s.Pa)/Kg	PND
Creep resistance	EN 1110	°C	≥ 70
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

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