

IMPERPUMA BM V-4



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



DESCRIPTION

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

COMPOSITION

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

FEATURES AND APPLICATIONS

- 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.

INSTRUCTIONS FOR USE

- Install by adhesion using a blowtorch.

CAUTIONS AND 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

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

STANDARDS

This membrane has the AENOR N Mark.

Notified Organisation N°: 0099

Year CE Mark awarded: 2006

CPF Certificate N°: 0099 / CPD / A85 / 0019

Product complies with annex Z.A. of the standard UNE-EN 13707

TECHNICAL DATA

TECHNICAL CHARACTERISTICS	TEST STANDARD	UNIT	VALUE
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IMPERPUMA BM V-4

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	500±100
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	≥ 100
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

NOTE



ASPHALT PRODUCTS

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The instructions for use are given according to our tests and knowledge and do not imply any commitment by GRUPO PUMA nor free the consumer from the examination and verification of the products for their correct use. Claims must be accompanied by the original packaging to allow a proper traceability.

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