

IMPERDAN FP 3 MM AP

IMPERDAN FP 3 MM AP is a waterproofing bituminous sheet with non self-protected surface, 3 mm thickness, LBM-3 mm-FP (APP -5 °C). Composed of a non-woven polyester felt reinforcement and covered on both sides with polymer modified bitumen (pliability -5°C) mastic. Membrane with an upper surface finish of sand and a lower surface finish of polyethylene film.

Tested according to standard EN test methods.



TECHNICAL DATA	VALUE	UNIT	STANDARD
External fire performance	PND	-	UNE-EN 1187; UNE-EN 13501-5
Reaction to fire	E	-	UNE-EN 11925-2; UNE-EN 13501-1
Watertightness	Pasa	-	UNE-EN 1928
Longitudinal tensile strength	700 ± 200	N/5cm	UNE-EN 12311-1
Transversal tensile strength	450 ± 150	N/5cm	UNE-EN 12311-1
Longitudinal elongation at break	45 ± 15	%	UNE-EN 12311-1
Transversal elongation at break	45 ± 15	%	UNE-EN 12311-1
Resistance to root penetration	No Pasa	-	EN 13948
Resistance to static loading	>15	kg	UNE-EN 12730
Resistance to impact	>1000	mm	UNE-EN 12691
Longitudinal resistance to tearing (nail shank)	220 ± 40	N	UNE-EN 12310-1
Transversal resistance to tearing (nail shank)	220 ± 40	N	UNE-EN 12310-1
Joint strength: peel resistance	PND	-	UNE-EN 12316-1
Joint strength: shear resistance	450 ± 150	-	UNE-EN 12317-1
Flexibility at low temperature	< -5	°C	UNE-EN 1109
Humidity resistance factor	20.000	-	UNE-EN 1931
Dangerous substances	PND	-	-
Flexibility at low temperature (pliability)	0 ± 5	°C	UNE-EN 1109
Flow resistance at elevated temperature	120 ± 10	°C	UN-EN 1110

ADDITIONAL TECHNICAL DATA

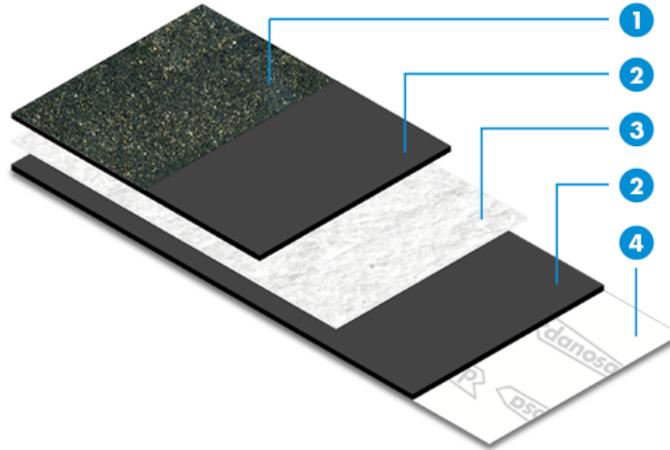
ADDITIONAL DATA	VALUE	UNIT	STANDARD
Mass per unit area (nominal)	4.0	kg/m ²	-
Mass per unit area (minimum)	3.8	kg/m ²	-
Nominal thickness	3.0	mm	-
Flow resistance at elevated temperature	>130	°C	UN-EN 1110
Dimensional stability at elevated temperature (longitudinal)	< 0.6	%	UNE-EN 1107-1
Adhesion of granules	PND	%	UNE-EN 12039

STANDARDS AND CERTIFICATION

UNE EN 13707 standard.

PRESENTATION

PRESENTATION	VALUE	UNIT
Length	10	m
Width	1	m
Roll surface	10	m ²
Rolls per pallet	25	rolls
Product Code	141823	-



1. sand
2. polymer modified bitumen (pliability -5°C)
3. non-woven polyester felt

WARNING

The information that appears in the following document makes reference to the uses and utilities of danosa's products and systems, and it is based on the knowledge that have been learnt until present, by Danosa. This is only possible if products have been stored and used in an appropriate way.

Nevertheless, Danosa is not responsible for unsuitable uses of the products neither any other facts, such as meteorological facts. So Danosa is just responsible for the quality related to the provided products.
Danosa reserves the right to carry out modifications without previous notice.

The values that appear in the technical sheet are the results of the tests that have been performed in our laboratory. January 2013.

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