

DANOFELT PY 300

Danofelt PY 300 is a non-woven bonded by needle punching geotextile of 300, $\pm 5\%$ g/m², composed of polyester short fibre. It has the CE trademark. It is used for waterproofing protection of roofs, underground constructions and for land separation and filtration.



CE MARKING



Identification number of the Certification Body: 0099

DERIVADOS ASFALTICOS NORMALIZADOS S.A.
Calle La Granja 3 (28108 - Alcobendas, MADRID)

Year in which the CE marking was affixed: 2007

Certificate number CPF: 0099 / CPD / A42 / 0046 / 0047 / 0048 / 0049

European standard EN 13249 / 13250 / 13251 / 13252 / 13253 / 13254 / 13255 / 13256 / 13257 / 13265

Produced at: Polígono Industrial Sector 9 (19290 - FONTANAR, Guadalajara)

The product fulfils the requirements established on the above mentioned norms, for the following applications: "F", "F+S", "F+S+D" y "P"

PHYSICAL PROPERTIES	VALUE	UNIT	NORM
Average mass	300, $\pm 5\%$	g/m ²	UNE EN ISO 9864
Thickness under 2kPa pressure	2.60, ± 0.20	mm	UNE EN 964
Longitudinal tensile strength	4.2, -0.6	KN/m	UNE EN ISO 10319
Transversal tensile strength	4.2, -0.6	KN/m	UNE EN ISO 10319
Longitudinal elongation at break	90, ± 30	%	UNE EN ISO 10319
Transversal elongation at break	80, ± 30	%	UNE EN ISO 10319
Puncture resistance (CBR)	0.8, -0.3	KN	UNE EN ISO 12236
Dynamic perforation test	15, +3	mm	UNE EN 918
Water permeability	0.03154, -0.005	m/s	UNE EN ISO 11058
Waterflow capacity in their plane	1.9 Exp-6, -0.1 Exp-7	m ² /s	UNE EN ISO 12958
Opening size	85, ± 20	μm	UNE EN ISO 12956
Protection efficiency	15.5 Exp3, -0.3 Exp3	KN/m ²	UNE-EN 13719

ADDITIONAL TECHNICAL DATA

ADDITIONAL DATA	VALUE	UNIT	NORM
Thickness under 20 kPa pressure	2,1, $\pm 0,20$	mm	UNE EN 964
Thickness under 200 kPa pressure	1,0, $\pm 0,20$	mm	UNE EN 964

DECLARATION OF CONFORMITY



DERIVADOS ASFÁLTICOS NORMALIZADOS S.A.
Calle La Granja 3 (28108 - Alcobendas, MADRID)

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This product is according to the Z.A. Annex of the UNE-EN 13249 / 13250 / 13251 / 13252 / 13253 / 13254 / 13255 / 13256 / 13257 / 13265

Certificate number CPF: 0099 / CPD / A42 / 0046 / 0047 / 0048 / 0049

José Antonio Manzarbeitia Valle
Manager Quality and R&D Manager.
Fontanar, March 01st 2009

PRESENTATION

PRESENTATION	VALUE	UNIT
Length	100	m
Width	2.2 / 4.4	m
Roll surface	220 / 440	m ²
Product Code	710035 / 710099 / 710441	-

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. September 2006.

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