

## DANOFELT PY 120

Danofelt PY 120 is a non-woven bonded by needle punching geotextile of 120,  $\pm 5\%$  g/m<sup>2</sup>, composed of polyester short fibre.  
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	120, $\pm 5\%$	g/m <sup>2</sup>	UNE EN ISO 9864
Thickness under 2kPa pressure	1.70, $\pm 0.20$	mm	UNE EN 964
Longitudinal tensile strength	1.0, -0.4	KN/m	UNE EN ISO 10319
Transversal tensile strength	1.0, -0.4	KN/m	UNE EN ISO 10319
Longitudinal elongation at break	90, $\pm 30$	%	UNE EN ISO 10319
Transversal elongation at break	80, $\pm 30$	%	UNE EN ISO 10319
Puncture resistance (CBR)	0.2, -0.1	KN	UNE EN ISO 12236
Dynamic perforation test	45, +3	mm	UNE EN 918
Water permeability	0.0561, -0.005	m/s	UNE EN ISO 11058
Waterflow capacity in their plane	4.5 Exp-7, -0.2 Exp-7	m <sup>2</sup> /s	UNE EN ISO 12958
Opening size	100, $\pm 20$	$\mu$ m	UNE EN ISO 12956
Protection efficiency	6.0 Exp3, -0.3 Exp3	KN/m <sup>2</sup>	UNE-EN 13719

### ADDITIONAL TECHNICAL DATA

ADDITIONAL DATA	VALUE	UNIT	NORM
Thickness under 20 kPa pressure	0,85, $\pm 0.20$	mm	UNE EN 964
Thickness under 200 kPa pressure	0,45, $\pm 0.20$	mm	UNE EN 964

### DECLARATION OF CONFORMITY

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

**PRESENTATION**

PRESENTATION	VALUE	UNIT
Length	200	m
Width	2.2 / 4.4	m
Roll surface	440 / 880	m <sup>2</sup>
Product Code	710032 / 710412	-

**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.

Web site: [www.danosa.com](http://www.danosa.com) E-mail: [export@danosa.com](mailto:export@danosa.com) Phone number: +34 949 888 210