



FLORTEX® 120

WEED CONTROL NONWOVEN GEOTEXTILE FABRIC

DATASHEET

FLORTEX® 120 is a black weed control fabric made from recycled polypropylene and thermo-bonded, produced without the use of adhesives or chemical binders. It is used to mulch the soil and prevent weed growth.

Product

Nonwoven recycled polypropylene geotextile made from synthetic fibre, needle punched and calendared. This product has been specially designed for outdoor applications with a suitable UV treatment without the use of glues or chemicals. No post-consumer recycled materials have been used during the manufacture of this product.

Physical properties	Standard		Value	Units	Tolerance %	Tolerance (units)
Mass per unit area	[EN ISO 9864]		120	g/m ²	+/- 10	+/- 12
Thickness	[EN ISO 9863-1]	2 kPa	0.70	mm	+/- 20	+/- 0.14

Mechanical properties	Standard		Value	Units	Tolerance	Value
Tensile strength	[EN ISO 10319]	MD	4.0	kN/m	- 10	0.4
	[EN ISO 10319]	CMD	4.5	kN/m	- 10	0.5
Elongation at maximum load	[EN ISO 10319]	MD	40	%	+/- 30	12
	[EN ISO 10319]	CMD	45	%	+/- 30	14
Static puncture resistance (CBR)	[EN ISO 12236]		0.70	kN	- 30	0.21
Dynamic puncture resistance	[EN ISO 13433]		46	mm	+ 20	9

Hydraulic properties	Standard		Value	Units	Tolerance %	Tolerance (units)
Velocity index	[EN ISO 11058]		100	mm/s	- 30	30
Characteristic opening size	[EN ISO 12956]		80	µm	+/- 30	24

Durability properties

Weathering resistance To be covered within 1 day from the day of installation

Lifespan Forecast minimum durability of 5 years in natural ground with pH between 4 and 9 and soil temperature < 25°C.

The values are guiding values obtained in our laboratories and in official testing institutes.

The confidence level is 95%

Wallbarn reserves the right to make changes to any technical data at any time without notice.

MD = Machine Direction / Longitude; CMD = Cross Machine Direction / Traverse; NA = Non-Applicable

Ref:

Cod. 002102
Rev. 1
Last Test Date: 03/02/2017

APPLICATIONS

- Weed control
- Tree bark protection
- Frost protection

ROLL SIZES

- 1 x 10m
- 1 x 25m
- 1 x 50m