



# 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 <sup>2</sup>	+/- 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