

# *Med0*

## **G11 Filter Fleece**

# Product Data Sheet



## Product Data Sheet

### General Information

**Radmat G11** Filter Fleece is a needle punched polypropylene filter fleece for use as a protection and filter layer in green roofs.

Suitable for all types of green roof with a flat or sloped roof construction on new build or refurbishment.

### Directions of application

Loose lay over a suitable Radmat reservoir and drainage panel.

Overlap adjacent rolls of Radmat G11 by a minimum of 150mm and turn up at all abutments the minimum depth of the growing media.

To be covered within one month of application.

Product Description				
Appearance	White polypropelene fleece			
Declared Performance				
Essential characteristics	Performance	Unit	Tolerance	Standard
Raw material	PP	-	-	-
Colour	White	-	-	-
Weight	150	g/m <sup>2</sup>	+/- 10 %	EN ISO 9864
Length	100	m	-	-
Width	2	m	-	-
Roll	200	m <sup>2</sup>	-	-
Weight per roll	30	kg	-	-
Thickness on	1.80	mm	+/- 20%	EN ISO 9863/1
	1.40	mm	+/- 20%	-
	1.05	mm	+/- 20%	-
CBR Puncture Resistance (stat.)	> 1500	N	+/- 10%	EN ISO 12236
CBR Puncture Resistance (dyn.)	16	mm	+/- 10%	EN ISO 13433
Classification according FGSV	3	GRK	-	-
Tensile Strength MD	10	kN/m	-1kN/m	EN ISO 10319
Tensile Strength CMD	12	kN/m	-1kN/m	EN ISO 10319
Elongation	> 50	%	+/- 10%	EN ISO 10319
Opening Size	0.074	mm	+/- 10%	EN ISO 12956
Permeability in the plane	0.195	m/s	+/- 30%	EN ISO 11058
Durability	At least 25 years in natural soil with a pH-value between 4 and 9 and a soil temperature of < 25° C.			

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