Radmat® building products

Specialists in Roofing and Waterproofing

Med0 G12 Filter Fleece

Product Data Sheet



A needle punched polypropylene filter fleece for use as a protection and filter layer in blue roofs.

Author: LA	Reviewer: AT	Approver: NT	Previous Revision: 01/01/2019 v0	Latest Revision: 06/12/2024 v1

Med0

G12 Filter Fleece

General Information

Radmat G12 Filter Fleece is a needle punched polypropylene filter fleece for use as a protection and filter layer in blue roofs.

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

Installation Instructions

Loose lay over a suitable Radmat reservoir and drainage panel.

Overlap adjacent rolls of Radmat G12 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				
Colour	White			
Core	Polypropelene fleece			
DECLARED PERFORMANCE				
Essential characteristics	**Performance**	**Unit**	**Tolerance**	**Standard**
Weight per roll	40/80	kg	-	-
Fabric weight	200	g/m^2	+/- 10%	EN ISO 9864
Width	2/4	m	-	-
Roll length	100	m	-	-
Thickness (on 2KPa load)	1.00	mm		EN ISO 9863/1
CBR Puncture Resistance (stat.)	1600	N	+/- 10%	EN ISO 12236
CBR Puncture Resistance (dyn)	16	N	+/- 10%	EN ISO 13433
Classification according FGSV 1994	3	GRK	-	-
Tensile Strength MD	13.5	kN/m	+/- 10%	EN ISO 10319
Tensile Strength CD	14.5	kN/m	+/- 10%	EN ISO 10319
Elongation MD	> 70	%	+/- 10%	EN ISO 10319
Elongation CD	> 80	%	+/- 10%	EN ISO 10319
Opening Size	0.069	mm	+/- 10%	EN ISO 12956
Permeability without load	0.160	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.			

NBS Specification Clauses

Please view on NBS Source here:
https://source.thenbs.com/product/medo-g12-geotextile-filter-fleece

For a comprehensive NBS specification contact Radmat Building Products.

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