

Technical Data Sheet

AQUAMODUL[®] FILTER LAYERS
Roof Finishes

The Aquamodul Filter Layer is a non-woven, needle-punched, polypropylene geotextile, designed for use in conjunction with Axter Aquamodul blue roof systems to provide protection, separation, filtration and / or irrigation.



Aquamodul 285PP Filter Layer

The Aquamodul 285PP Filter Layer is a heavy-duty geotextile layer, designed to protect and separate Void Former layers. Comprising of a three-layer composite scrim reinforced with low elongation.

Product specifications			
Characteristics	Unit	Aquamodul 285PP Filter Layer (3m and 6m)	Test standard
Product reference code	3m	AQUA285FL/300	
	6m	AQUA285FL/600	
Material		Polypropylene geotextile	
Roll length	m	100	
Roll width	m	3 / 6	
Mass per unit area	g/m ²	285	EN ISO 9864
Thickness under load 2kPa	mm	2.6	EN ISO 9863-1
CBR puncture resistance	N	3300	EN ISO 12236
Dynamic cone drop	mm	16	EN ISO 13433
Tensile strength (min) at max. load	kN/m	22	EN ISO 10319
Tensile strength (max) at max. load	%	80	EN ISO 10319
Coefficient of permeability	m/s	65 x 10 ⁻³	EN ISO 11058
Characteristic opening size	microns	90	EN ISO 12956

Installation

The area and Filter Layer must be clean and free of debris before installation. Lay the Aquamodul 285PP Filter Layer around the Void Formers to suit site specific requirements. Overlaps must be a minimum of 300mm or heat sealed.

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