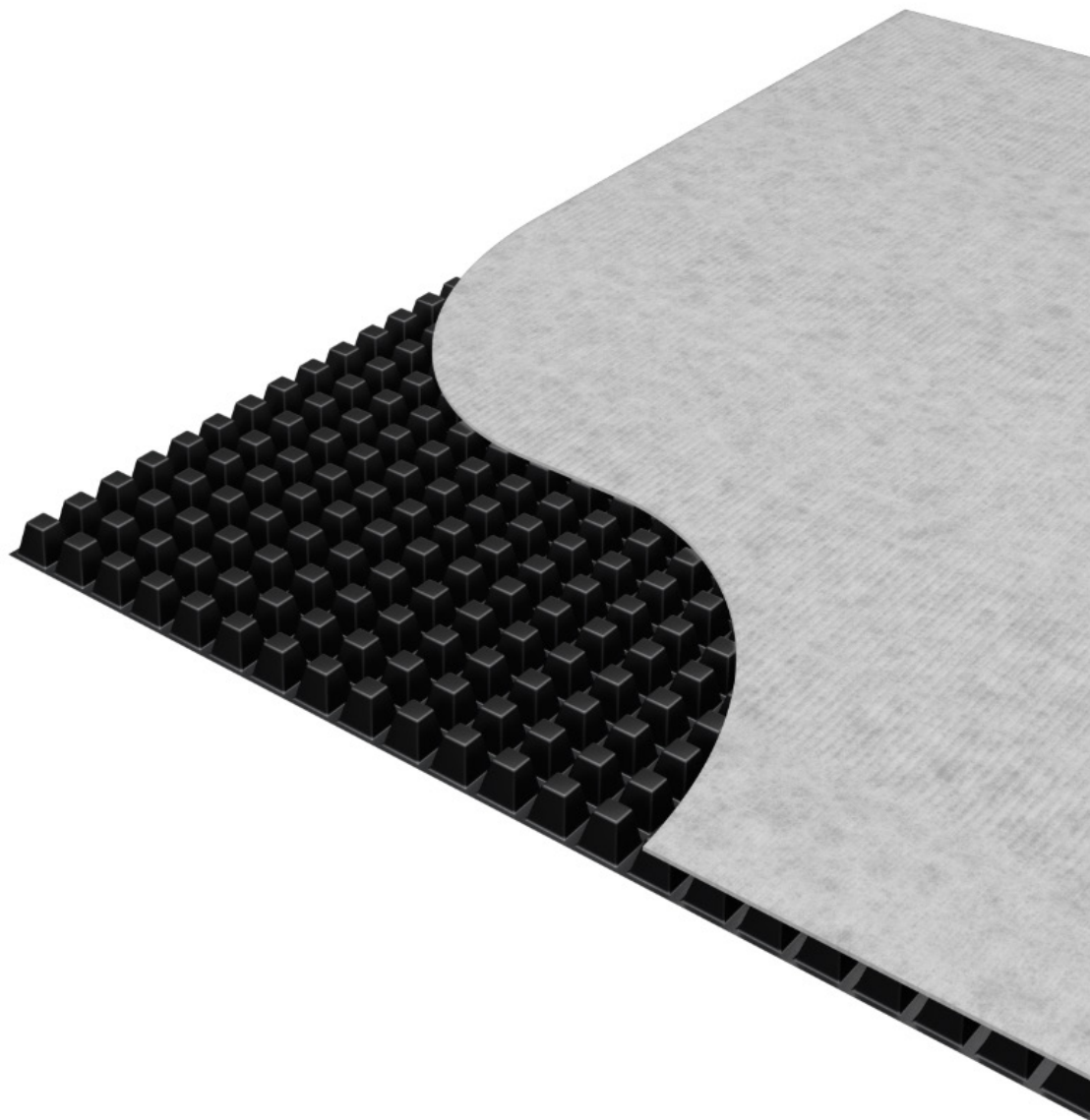




Specialists in Roofing  
and Waterproofing

# **Med0** DM6 Reservoir/Drainage Board

## Product Data Sheet



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A drainage and water storage element primarily intended for behind retaining structures, on roof decks and in subsurface works.

## DM6 Reservoir/Drainage Board

### General Information

**Radmat DM6** is a drainage and water storage element primarily intended for behind retaining structures, on roof decks and in subsurface works. Consisting of a high performance single cusped HDPE (High Density Polyethylene) core with a geotextile filter layer thermally bonded to one side. The geotextile filter layer has an overlapping flap that extends beyond the core on one edge.

### Installation instructions

Unroll over surface overlapping fleece as installing.

### Delivery conditions

**Delivery Form** Rolls

**Storage and transport** Delivered flat on a pallet, store flat.

PRODUCT DIMENSIONS					
Subject	Performance	Unit			
Length	25 or 50	m			
Width	1.1 or 2.2	m			
DECLARED PERFORMANCE					
	Property	Property	Tolerance	Units	Test method
Geotextile Properties	Compressive Strength	250	-	kpa	-
	Thickness at 2kPa	1.2	-10%	(mm)	BS EN ISO 9863-1
	Tensile strength MD/CD	9.5/9.5	-15%	(kN/m)	BS EN ISO 10319
	Pore size 0 <sub>90</sub>	120	±30%	(micron)	BS EN ISO 12956
	Static puncture resist CBR	1600	-15%	(N)	BS EN ISO 12236
	Dynamic perf. cone drop	32	25%	(mm)	BS EN ISO 13433
Geocomposite Properties	Thickness at 2kPa	6.1	±10%	(mm)	BS EN ISO 9863-1
	Mass/unit area	670	approx	(g/m <sup>2</sup> )	BS EN ISO 9864
	Tensile strength MD/CMD	13/13	-10%	(kN/m)	BS EN ISO 10319
	Minimum ultimate compressive strength	270	-	kPa	BS EN ISO 10319
	Elongation at peak MD/CMD	45/45	nominal	(%)	BS EN ISO 10319
	CBR Puncture resistance	2250	-20%	(N)	BS EN ISO 12236
	Perpendicular Water Flow - Water flow at 50mm head - At 2kPa permeability(coefficient) - Breakthrough head	103 2.5 x 10 <sup>-3</sup> 0	±30% ±30%	(l/m <sup>2</sup> s) (m/s) (mm)	BS EN ISO 11058 BS EN ISO 11058 BS EN 6906 pt3
	In-plane water flow MD and CD - at 20kPa confining pressure - at 100kPa confining pressure - at 200kPa confining pressure	HG=10 HG=1 1.60 0.48 1.35 0.38 1.10 0.29	HG=10 HG=1 ±0.15 ±0.05 ±0.15 ±0.05 ±0.15 ±0.05	(l/m s) (l/m s) (l/m s)	BS EN ISO 12958 BS EN ISO 12958 BS EN ISO 12958
	Resistance to weathering	To be covered in 14 days			BS EN 12224
	Resistance to chemicals	To be covered in 14 days			BS EN 14030
	Design life	120 years (manufacturers declaration)			

This information given in good faith and is based on the latest knowledge available to Radmat Building products Ltd. Whilst every effort has been made to ensure that the contents of the publication are current while going to press, customers are advised that products, techniques and codes of practice are under constant review and liable to change without notice.

For further information on Radmat products and services please call **01858 410372**, email [techenquiries@radmat.com](mailto:techenquiries@radmat.com) or visit our website [www.radmat.com](http://www.radmat.com) **JUNE 2021**