

Med0

D40 Reservoir/Drainage Board

Product Data Sheet



Product Data Sheet

General Information

Radmat D40 is a drainage and water storage element for intensive and extensive green roofing. Manufactured from recycled polystyrene Radmat D40 is chemically neutral, rotproof and resistant to mould and bacteria.

Radmat D40 is supplied in sheets 40 mm deep and is resistant to compression up to 159.3 kPa.

Certificates

CE 799-CPD-53

Installation instructions

Unroll over waterproofing membrane or protection fleece overlapping side and end laps by one cusplate.

Delivery conditions

Delivery Form

Sheet

Storage and transport

Delivered flat on a pallet. Store flat.

Product Dimensions			
Subject	Performance	Unit	
Length	2.04	m	
Width	1.04	m	
m ² /Board	2.12	m ²	
Weight/Board	4.16	kg	
Declared Performance			
Essential characteristics	Performance	Units	According to
Material	Recycled Polystyrene	-	-
Weight (tolerance +/- 5%)	1960	gr/m ²	-
Colour	black	-	-
Height	40.0	mm	-
Compression Strength without infill	338	kN/m ²	EN ISO 25619-2 06.2009
Compression Strength with infill on 10% compressive strain	588	kN/m ²	EN ISO 25619-2 06.2009
Filling volume	22.75	l/m ²	-
Water storage capacity (without substrate)	19.59	l/m ²	-
Drainage capacity on 20 kPa load i = 1.0 100 kPa load i = 0.1 200 kPa load i = 0.2	7.30 0.70 1.01	l/ms l/ms l/ms	EN 12958 EN 12958 EN 12958
Fire protection classification	B2	-	acc. DIN 4102 part 2

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 or visit our website www.radmat.com