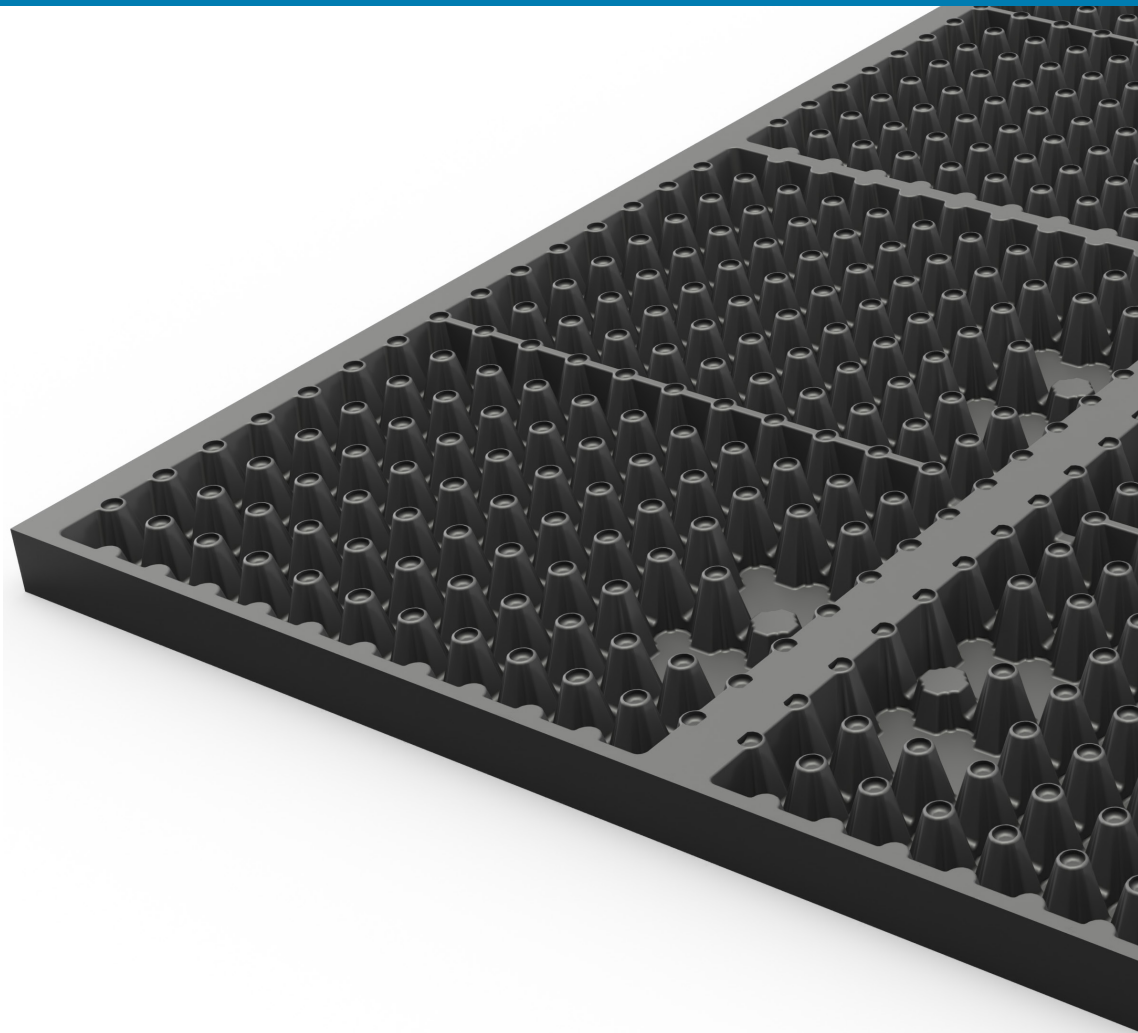


Med0 D40 Reservoir/Drainage Board

Product Data Sheet



Med0

D40 Reservoir/Drainage Board

General Information

Radmat D40 is made of high impact recycled polystyrene. It stores up to 23.3 l/m² of water and will therefore provide a good supply of water for all plants within an intensive or extensive green roof. With a maximum crush resistance (filled) of 625 kN/m² green roofs can easily be combined with areas of hard landscaping.

The three-level drainage system with integrated branch drains ensures a high drainage capacity.

Radmat D40 is supplied in sheets 40mm deep and is resistant to compression from 280 kN/m² (unfilled) to 625 kN/m² (filled).

Application

- As a drainage and water storage board for intensive and extensive green roofs
- With infill as a drainage board under fully bedded paving systems
- With an appropriate infill can also provide a drainage layer under areas accessible to vehicles
- For intensive and extensive green roofs with a pitch of $\geq 0^\circ - 10^\circ$

Delivery conditions

Storage and transport – Delivered flat on a pallet. Store flat, protect against exposure to UV.



Planting: Variety of species of wildflowers, sedums and perennials

Intensive or Extensive Growing medium: Typically Radmat GM 20-40

Filter layer: Radmat G11 Filter Fleece 150 g/m²

Drainage and water storage board: Radmat D40

For further information on Radmat products and services please call **01858 410372**, email techenquiries@radmat.com or visit our website www.radmat.com

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D40 Reservoir/Drainage Board

PRODUCT DIMENSIONS			
Subject	D40	Tolerance	Unit
Length	1.995	± 0.01	m
Width	1.003	± 0.01	m
m ² /Board	2.000	± 0.03	m ²
Weight/Board	3.84	± 0.2	kg
DECLARED PERFORMANCE			
Essential characteristics	Performance	Units	According to
Material	Recycled polystyrene	-	-
Weight tolerance ±100	1920	gr/m ²	-
Colour	black	-	-
Height ±4	40	mm	-
Crush resistance without infill ±40	280	kN/m ²	EN ISO 25619
Crush resistance with infill on 5% compressive strain ±80	625	kN/m ²	EN ISO 25619
Filling volume ±0.8	23.8	l/m ²	-
Water storage capacity (without infill)	23.3	l/m ²	-
Drainage capacity on 1% incline -0.05 2% incline -0.05	0.85 1.22	l/ms l/ms	EN 12958 EN 12958
Overlap	3	%	-

*all values are average results; technical changes remain reserved.

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