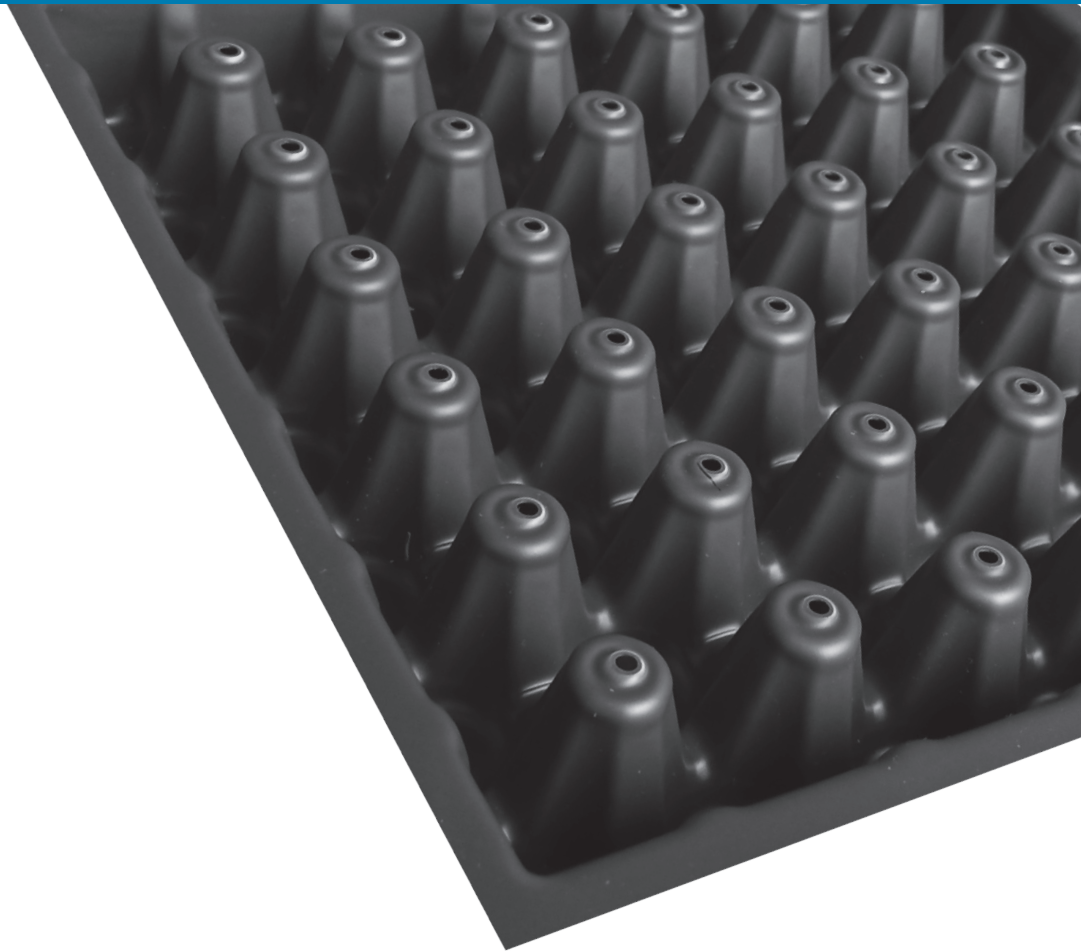


Med0 D25 Reservoir/Drainage Board

Product Data Sheet



Med0

D25 Reservoir/Drainage Board

General Information

Radmat D25 is made of high impact recycled polystyrene. It stores up to 15 l/m² of water and will therefore provide a good supply of water for all plants within an extensive green roof. With a maximum crush resistance (filled) of 3741 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 D25 is supplied in sheets 25mm deep and is resistant to compression from 398 kN/m² (unfilled) to 775 kN/m² (filled).

Application

- As a drainage and water storage board for extensive and inverted 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 extensive green roofs with a pitch of $\geq 0^\circ$

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 D25

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D25 Reservoir/Drainage Board

PRODUCT DIMENSIONS

Subject	D25	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	2.72	± 0.2	kg

DECLARED PERFORMANCE

Essential characteristics	Performance	Tolerance	Units	According to
Material	Recycled polystyrene	-	-	-
Weight tolerance	1360	±100	gr/m ²	-
Colour	black	-	-	-
Height	25	±2	mm	-
Crush resistance without infill	398	±40	kN/m ²	EN ISO 25619
Crush resistance with infill on 8% compressive strain	775	±80	kN/m	EN ISO 25619
Maximum crush resistance	3741	±80	kN/m ²	EN ISO 25619
Filling volume	15	±0.8	l/m ²	-
Water storage capacity (without infill)	15	-	l/m ²	-
Drainage capacity on 1% incline 2% incline	0.64 0.94	-0.05 -0.05	l/ms l/ms	EN 12958 EN 12958
Overlap	2	-	%	-
Storage	protect against UV radiation; has to be covered within 24 hours after installation			

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

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.

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