

Technical Data Sheet Drainage Board 25H

Product Description:

Drainage Board 25H is a water retention and flow delay drainage board with CE marking, made of recycled high-impact polystyrene, 25mm high, stepped barrier form, with recessed evaporation vents and water channel system on the underside.

Key Features:

- High rainwater retention > nearly 12/m² of water storage capacity
- Delayed rainwater runoff > stepped barriers avoid overuse of wastewater channel system
- Runoff reference value (C) 0,29 > water delay over 70% according to FLL¹
- Microbiological resistance test (EN 12225) > additional protection for the waterproofing layer against microbiological damage
- Recessed evaporation vents > unobstructed aeration
- Negligible overlap loss > economical installation and cost savings
- Increased contact area > decreased surface pressure



¹ in case of a typical extensive green roof build-up

Application Areas:

A water-retention and flow-delay drainage board for semi-intensive and intensive green roofs, and hard-surface pedestrian areas on flat and zero-degree slope roof construction. The flow-delay and the retention functions are provided by the stepped barrier design.

Technical Specification:

Technical Specification		
Properties	Unit	Value
Board size	mm	Approx. 2020 x 1100 x 25
Rainwater retention capacity	l/m ²	11.8
In-fill volume	l/m ²	13.5
Runoff reference value (C) ¹		0.29
Overlap loss	%	-3
Surface weight	kg/m ²	1.36
Fire resistance classification (EN 13501-5):		B _{ROOF} (t2)
Compressive strength	kN/m ²	322
Material		Recycled high-impact polystyrene (HIPS)
Water flow capacity	l/ (m x s)	at 2%: 0.57 • at 3%: 0.71 • at 5%: 0.91
Manufacture		Made in Germany

Installation:

MOY Drainage Boards should be installed adjacent to each other or overlapped. Cover immediately after laying.

Storage:

MOY recommend the water-retention and flow-delay drainage board be stored horizontally and with protection from UV radiation.

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