

Technical Data Sheet Drainage Board 40H

Product Description / Use:

Drainage Board 40H is a water retention and flow delay drainage board with CE marking, made of recycled high-impact polystyrene, 40mm high, stepped barrier form, with recessed evaporation vents and water channel system on the underside.

Key Features:

- High rainwater retention > nearly 19.59l/m² of water storage capacity
- Prevention of water channel system overuse > waterflow speed decreased by stepped barriers
- Microbiological resistance test (EN 12225) > additional protection for the waterproofing layer against microbiological damage
- Recessed evaporation vents > unobstructed aeration
- Durable and high impact-resistant materials (HIPS) > stability under pavements, water cooling is not needed during summer installations
- Snap the board for the required size > no cutter needed on the work site
- Negligible overlap loss > economical installation and cost savings
- Increased contact area > decreased surface pressure



Installation:

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

Technical Specification:

Technical Specification		
Properties	Unit	Value
Board size	mm	Approx. 2040 x 1040 x 40 (ca. 2.12 m ² /sheet)
Rainwater retention capacity	l/m ²	19.59
In-fill volume	l/m ²	22.75
Overlap loss	%	-5
Surface weight	kg/m ²	1.96
Compressive strength (unfilled)	kN/m ²	338
Compressive strength (filled)	kN/m ²	588
Material		Recycled high-impact polystyrene (HIPS)
Water flow capacity	l/ (m x s)	At 1%: 0.70 • at 2%: 1.01 • at 3%: 1.25 • at 5%: 1.63
Manufacture		Made in Germany

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 constructions. Also suitable for solving standing water problems on existing roofs.

Storage:

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

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