

DiaDrain-60H

water retention and drainage board
#310233



Technical Data Sheet

■ Green up the roof!

	Water-retention and flow-delay drainage board with CE marking, made of recycled high-impact polystyrene, 60 mm high, for semi-intensive or intensive roof gardens, and for green roofs with dam-up irrigation up to a water level of approx. 50mm (even up to approx. 100mm when used in the DiaDrain-120-WM System), and for paved roofs with sporadic traffic, eg. car parks, fire department access roads, when filled and laid with bedding layer above the filter fleece. Dam grid structure and large water storage cells for an outstanding water retention of 30.45 l/m ² , with perforations on the high shoulders, and water channel system on the underside for water drainage and vapour diffusion, especially for inverted roofs. Can be used for diffusion- and capillary irrigation. Compressive strength: 122 kN/m ² ; Water flow capacity on 2% roof slope 2.06 l/(m×s) certified according to EN ISO 12958.	
	Dim.	DiaDrain-60H
Nominal dimension (L×B×H)	mm	1940×940×60
Brutto dimension (L×B×H)	mm	1980×940×60
Weight	kg/m ²	2.2
Water retention capacity	l/m ²	30.45
Compressive strength	kN/m ²	122
Water flow capacity 20 kPa, i=0.02	l/(m×s)	2.06
Water flow capacity 20 kPa, i=0.05	l/(m×s)	3.34
Water flow capacity 20 kPa, i=0.1	l/(m×s)	4.81
Water flow capacity 20 kPa, i=0.3	l/(m×s)	8.55
Water flow capacity 20 kPa, i=1	l/(m×s)	16
Fire behavior EN 13501-1		E
Material		polystyrene

Reviewed: 2018-01-17

Specifications are subject to change without notice.

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