

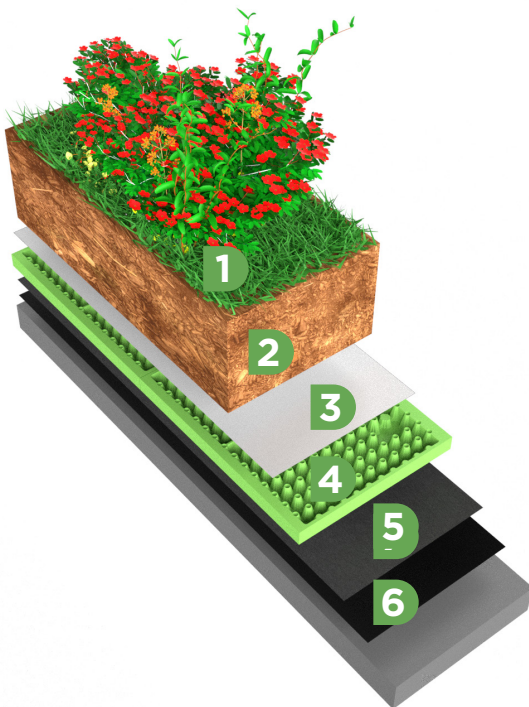
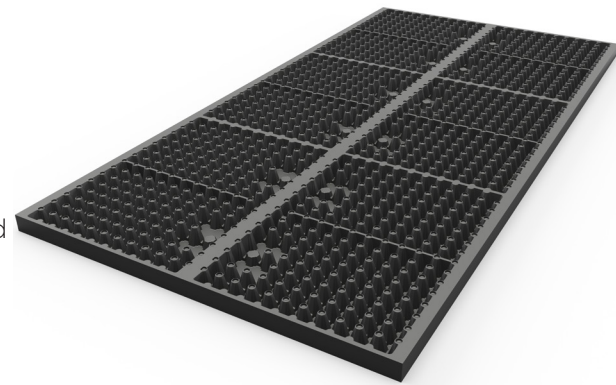
Technical Data Sheet MOY_40mm Drainage & Reservoir Board

Product Description / Use:

Moy 40 mm Drainage & Reservoir layer is a drainage and water storing board, CE-certified according to standard EN 13252, with absorption openings, made of recycled polystyrol (HIPS) for extensive and semi-intensive green roof application.

Key Features:

- Increased water storing capacity – ca. 24 l/m² rainwater retention
- Terrace build-up application possible – 625 kN/m² compressive strength with only 2 mm deformation
- 3-level waterflow system – stormwater channel with increased drainage capacity, rainwater channels between the dimples and slow-water flow surface below the dimples
- Rounded element corners – reduced risk of injury for workers and safety for the waterproofing membrane
- Simple logistics – product on 2 x 1 metre stackable pallets
- Fast consignment – exactly 2 m² per element, fast on the construction site and in the warehouse



- 1. MOY Vegetation**
- 2. MOY Growing Media**
- 3. MOY Filter layer**
MOY Filtration Fleece 150g
- 4. MOY Drainage layer**
MOY 40mm Drainage & Reservoir Board
- 5. MOY Protection layer**
MOY Protection and water storage fleece 500g
- 6. MOY Waterproofing System**
- 7. Roof construction**



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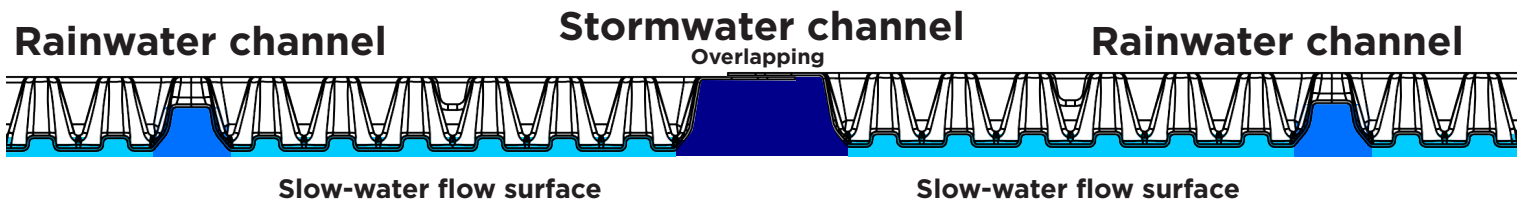
Technical Specification:

Technical Data			
		Tolerance	Standard
Material	Recycling-Polystyrol (HIPS)		-
Dimension (l x w) (mm)	1995 x 1003	±10	-
Height (mm)	40	±4	-
Weight (kg/m ²)	1,92	±0,1	-
Overlap (%)	3	-	-
Water storage capacity (l/m ²)	23,3	±0,8	-
Filling volume (l/m ²)	23,3	±0,8	-
Compressive strength empty (kN/m ²)	280	±40	EN ISO 25619
Compressive strength filled - by compression - 8% (kN/m ²)	625	±80	EN ISO 25619
Compressive strength filled -max. (kN/m ²)	>1000	±80	EN ISO 25619
Water flow capacity i=0,01* (l/m*s)	0,85	±0,05	EN ISO 12958
Water flow capacity i=0,02* (l/m*s)	1,22	±0,05	EN ISO 12958

*water flow under the sheet, $\sigma = 20$ kPa

Application:

Moy 40 mm Drainage & Reservoir layer has an excellent water storing and water flow capacity with a very high compressive strength.



Delivery form:

Pallet

Storage:

These items require an appropriately sized pallet which fits the dimensions of the batch of products it contains. Once the consignment is opened, the items should be transported using a pallet with the same dimensions. Pallets can be stacked if there is a cover-frame on the top of the bottom pallet. Can be stored outside if the UV resistant foil is intact, otherwise store inside or protect from direct sunlight.

