

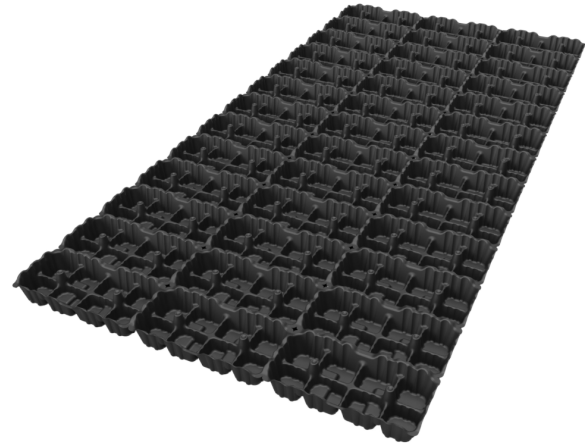
## Technical Data Sheet MOY\_60mm Drainage & Reservoir Board

### Product Description / Use:

Moy 60 mm Drainage & Reservoir layer is a drainage and water retention board for multi-layer intensive green roof constructions with evaporation openings made of 100% recycled polystyrol.

### Key Features:

- Excellent water storing capacity 32 l/m<sup>2</sup>
- Evaporation openings on the top side for vapour permeability, ideal for inverted roof constructions
- Increased contact surface for reducing pressure on the waterproofing membrane
- Minimal overlapping loss and offcuts
- Reducing the peak load of the urban sewage system through the increased water retention capacity
- The MOY\_60mm Terrace Drainage Board can be combined with this product to create a 120 mm retention element for blue roof layers under a green roof



- 1. MOY Vegetation**
- 2. MOY Growing Media**
- 3. MOY Filter layer**  
MOY Filtration Fleece 110g
- 4. MOY Drainage layer**  
**MOY 60mm Drainage & Reservoir Board**
- 5. MOY Protection layer**  
MOY Protection and water storage fleece 300g
- 6. MOY Waterproofing System**
- 7. Roof construction**



# Technical Data Sheet

## MOY\_60mm Drainage & Reservoir Board

### Technical Specification:

Technical Data			
		Tolerance	Standard
Material	Recycling-Polystyrol (HIPS)		-
Dimension (l x w) (mm)	1940 x 940	±10	-
Height (mm)	60	±2	-
Weight (kg/m <sup>2</sup> )	2,22	±0,1	-
Overlap (%)	1,6	-	-
Water storage capacity (l/m <sup>2</sup> )	32	±0,8	-
Filling volume (l/m <sup>2</sup> )	35	±0,8	-
Compressive strength empty (kN/m <sup>2</sup> )	129	±40	EN ISO 25619
Compressive strength filled -max. (kN/m <sup>2</sup> )	1360	±80	EN ISO 25619
Water flow capacity i=0,01* (l/m*s)	1,98	±0,05	EN ISO 12958
Water flow capacity i=0,02* (l/m*s)	2,24	±0,05	EN ISO 12958

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

### Application:

MoY 60 mm Drainage & Reservoir layer has an excellent water storing capacity and a 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.

