

6 fürs GRÜN

- Green Roofs
- Artificial Turf
- Natural Ponds
- Garden Lighting
- Flat Roofing
- Road Construction

Layer Composition



Height
32 cm



Weight
477 - 555 kg/m²*



Water Retention
156 - 168 l/m²*

* depending on substrate utilised



Our Green Roof System WE 60 - The Versatile Solution



- 1 Planting: Trees, bushes, grass, herbs, perennials
- 2 Growing medium: Intensive substrate Hydrotop-I, application height 25 cm
- 3 Filter layer: Quality fleece PP 200 g/m², GRK 3
- 4 Drainage and water storage board: WE 60
- 5 Protection layer: Geotextile Standard PES/PP 800 g/m²

Our WE 60 system makes it easy to realise intensive green roofs with trees, shrubs, perennials or grasses. Also in combination with temporary car accessible green areas such as parking places or emergency access roads you can let your imagination run wild. Thanks to the extremely high water storage capacity WE 60 cares for an optimal supply of the plants. Combined with the quick water-evacuation underneath of the boards you have free choice among all kinds of plantations. WE 60 – The Versatile Solution.

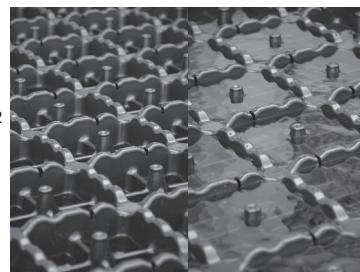
Drainage and Water Storage Board WE 60 and WE 60 UG

The drainage and water storage board WE 60 is made of high impact recycling polystyrene. It guarantees the drainage in accordance with DIN 4095. WE 60 has a filling volume of up to 35 l/m² and stores up to 30.5 l/m² of water. It is chemically neutral, rot-proof and resistant to moulds and algae. The big diffusion slots in the division bars of the boards allow for a long-term aeration without hinderance and improve the microbiological conditions for the plants.

WE 60 is available with slots on top of the bars and with slots in the bottom.
In combination both boards can be used as a 120 mm retention element.

Application

- Drainage and water storage board for intensive green roofs *1
- With infill as drainage board under flagging *2
- With an appropriate overfill also applicable as drainage under vehicle accessible areas*2
- Rain water accumulation possible*1
- Applicable as retention element for green roofs with rain water accumulation
- Also applicable for inverted roofs
- For green roofs with a pitch of $\geq 0^\circ$



Data Sheet

Subject	Unit	WE 60	
Raw material	---	Recycling-Polystyrene	
Weight	g/m ²	2200	
Colour	---	black	
Height	mm	60	
Maximum crush resistance unfilled (EN ISO 25619-2 06.2009)	kN/m ²	122	
Maximum crush resistance with infill (EN ISO 25619-2 : 2009)	kN/m ²	1316	
Water storage capacity (without substrate)	l/m ²	30.5	
Filling volume	l/m ²	35.0	
Drainage capacity on 20 kPa load (EN 12958)	i = 1.00 i = 0.02 i = 0.05	l/ms l/ms l/ms	16.00 2.06 3.34
Fire protection classification (EN 13501-1)	---	E	

*1 slotted on top (Type WE 60) *2 slotted in the bottom (Type WE 60 UG)

CE

1213-CPR-6076

Dimensions

Subject	Unit	WE 60
Length	m	1.94
Width	m	0.94
m ² / board	m ²	1.82
Weight / board	kg	4.01

*all values are average results; technical changes remain reserving.

12/2023