

PRODUCT CARD

GREENFOND 25 Garden

GREENFOND 25 Garden retention and drainage unit (HDPE) with high water accumulation and load capacity.

The GREENFOND 25 Garden retention and drainage unit is used in system solutions for intensive and extensive green roofs. The innovative shape of profiles and a properly selected mix of hardened HDPE polyethylene have a significant impact on the mechanical and physical properties of the product, thanks to which we get above-average retention parameters in its class.

GREENFOND 25 Garden is also an innovative design of the entire module. Thanks to the special embossing of its edges, we can make their interconnection, which in contrast to currently used solutions the so-called "contact" method (laying a board next to another), we get a stable construction of the entire drainage layer, while the assembly method is easy and fast for the contractor.

In addition, GREENFOND 25 Garden has on the upper surface of the profile an additional special embossing, unsealing to a small extent, direct contact with the GREENFOND Tex 100 drainage fabric, which in turn allows free air flow between the individual sections, and in cases of heavy rain it also provides effective drainage of excess water.



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Extreme accumulation of water - approx. 12 liters / m²

Above average compressive strength - 400 kN / m²

Good ventilation of the structure and effective retention

Safe and easy assembly

TECHNICAL DATA OF THE PRODUCT:

Material	HDPE
The height of the embossments	25 mm
Weight	1,7 kg/m ²
Resistance to chemical compounds	waterproof
Water capacity	12 l/m ²
Resistance to root growth	resistant
Resistance to surface pressure	approx.400 kN/m ²
Maximal load with filling	700 kN/m ²
Tensile strength	16 kN
Elongation at max. Load	80%
Water drainage	ca.12 l/sm ca.720 l/min m ca 43200 l/h m.
Color	black
Form	sheets
The size of the board	2,05m x 1,05m/2,15 m ²
Durability	50 years
Integrated with non-woven fabric	no
Article numer	25.1209
