

PRODUCT CARD

GREENFOND

# 20 Garden Premium

GREENFOND 20 Garden Premium retention and drainage layer (HDPE) with high accumulation of water and load capacity with a height profile of 20 mm

GREENFOND 20 Garden Premium 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 Garden 20 Premium is also an innovative design of the entire module. Thanks to a special embossing on 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.

GREENFOND 20 Garden Premium has on the upper surface of the profile additional special embossing, unsealing to a small extent direct contact with the GREENFOND TEX 100 drainage fabric, which in effect allows free air flow between the individual sections, and in cases of heavy rain it also provides effective drainage of excess water.



## PRODUCT CARD

GREENFOND

# 20 Garden Premium

Extreme accumulation of water - approx. 12 liters / m<sup>2</sup>

Above average compressive strength - 400 kN / m<sup>2</sup>

Good ventilation of the structure and effective retention

Safe and easy assembly

### TECHNICAL DATA OF THE PRODUCT:

Material	HDPI
The height of the embossments	20 mm
Weight	about 1,7 kg/m <sup>2</sup>
Resistance to chemical compounds	waterproof
Resistance to root overgrowth	resistant
Resistance to surface pressure	approx. 400 kN/m <sup>2</sup>
Water drainage	ca.12 liters/sm ca.720 liters/min m ca 43200 liters/h m
Capacity	12 l/m <sup>2</sup>
Aging durability	meets the requirements
The size of the board	2,05m x 1,05m/2,15 m <sup>2</sup>
Pallet (number in m <sup>2</sup> )	560 m <sup>2</sup>
Tensile strength	16 kN
Relative elongation at max. force	80 %
Durability	50 years
Compressive strength with filling	700 kN/m <sup>2</sup>
Article numer	25.1204