PRODUCT CARD

GREENFOND
25 Garden S

GREENFOND 25 GARDEN S retention and drainage layer (HDPE) with high water accumulation and load resistance with a 25 mm high profile.

GREENFOND 25 Garden S retention and drainage layer made of hardened polyethylene (HDPE) with a 25 mm high profile in accordance with FFL guidelines
in a parallel arrangement.

GREENFOND 25 Garden S is used in intensive and extensive green roof system solutions. The innovative shape of the profiles and the selected mixture of hardened HDPE polyethylene have a significant impact on the mechanical and physical properties of the product, thanks to which we obtain above-average retention parameters in its class at the level of 13 liters/m2.

The height of the profiles at the level of 25 mm means that the lower layer creates an efficient air flow and efficient drainage of excess water.



GREENFOND POLSKA Sp. z o.o.
ul. Kamińskiego 3c,
45-323 Opole

NIP: 899 27 60 355

www.greenfond.eu

PRODUCT CARD

GREENFOND

25 Garden S

TECHNICAL DATA OF THE PRODUCT:		
Material		HDPE
The height of the embossments		25 (±1) mm
Weight	PN EN 1849-2	1,5 (±10%) kg/m^2
Compressive strength	PMS 967252:2013	150 (±10%) kN/m^2
Ability to store water	PMS 01:2017	13 (±10%) l/m^2
Water flow capacity in the product plane Gradient=1, pressure 20 kPa	PN EN 13438	9,7 (-1,0) (m^2•s)*10^{-3}
Oxidation resistance	PN EN 12958	expected durability of at least 25 years in natural soils with 4<pH<9 and temperature <25°C
Resistance to ageing in atmospheric conditions	PN EN 12224	covering should take place no later than 2 weeks after installation
The size of the board	PN EN 1858-2	2 x 1 m
Article numer		25.1202-26

GREENFOND POLSKA Sp. z o.o.
ul. Kamińskiego 3c,
45-323 Opole

NIP: 899 27 60 355

www.greenfond.eu