

PRODUCT CARD

GREENFOND

20 Garden P1000

GREENFOND 20 Garden P1000 a retention and drainage layer made of hardened polyethylene (HDPE) with a height profile of 20 mm arranged in a parallel system

GREENFOND 20 Garden P1000 retention and drainage layer made of high density HDPE polyethylene. Due to the appropriately selected shape and 20 mm high embossing, this product is characterized by optimal water accumulation capacity, which allows it to be successfully used on extensively green roofs. On the other hand, due to the perforation made properly, excess rainwater can be freely diverted to the roof drain. The product is fully recyclable. Properly selected board size, allows you to efficiently arrange the product on large surfaces.



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TECHNICAL DATA OF THE PRODUCT:

Material	PN EN 1849-2	HDPE
Weight	PN EN 1858-2	1000 g/m ²
Roll dimensions		1x2m
The height of the embossments		20 mm
Water flow capacity in the product plane Gradient = 1, pressure 20 kPa	PN EN 12958	8,5(-1,9) (m ² /s)*10 ⁻³
Tensile strength along the length	PN EN 10319	13,0(-1,2) kN/m
Tensile strength across	PN EN 10319	12,5(-0,6) kN/m
Elongation at max. load along	PN EN 10319	50(±9) %
Elongation at max. load across	PN EN 10319	47(±9) %
Compressive strength	PMS 967252:2013	285(±40) kN/m ²
Water storage capacity	PMS 01:2017	7(±0,5) l/m ²
Oxidation resistance	PN EN 13438	Expected durability at least 25 years in natural soils with 4 <pH <9 and temperature <25oC
Weathering resistance	PN EN 12224	The covering should take place at the latest 2 weeks after embedding
Article Number		25.1202-4