

PRODUCT CARD

GREENFOND  
**20 Garden R**

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

GREENFOND 20 Garden R 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. Thanks to the appropriate size of the roll, i.e. width 1.9 m x length 20 m, we can quickly and efficiently place the product on large surfaces.



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TECHNICAL DATA OF THE PRODUCT:		
Flammability class	DIN 4102	B2
The height of the embossments		20 mm
Water-resistant class	EN 1928	W1
Tensile strength	EN 12311-2	
- along the band		MD > 330 N/ 50 mm
- across the band		MD > 335 N/ 50 mm
Relative elongation at max. load	EN 12311-2	
- along the band		MD > 25%
- across the band		MD > 25%
Impact strength	EN 12691	>350 mm
Tear resistance	EN 12310-1	MD >332 N ; CMD >349 N
Resistance to chemical compounds	EN 1847	waterproof
Aging durability	EN 13984	confirmed
Resistance to surface pressure		>180 kN/m <sup>2</sup>
The amount of air between the embossments		14 liters / m <sup>2</sup>
Water drainage	EN 12958	
I = 1    20 kPa		MD 9,4; CMD 9,4
I = 1    50 kPa		MD 9,0; CMD 9,1
I = 0,1    20 kPa		MD 2,9; CMD 2,98
I = 0,1    50 kPa		MD 2,7; CMD 2,86
The amount of water accumulation	EN 12958	7 l/m <sup>2</sup>
Roll dimension		1,9 m x 20 m/38 m <sup>2</sup>
The weight of the product		30,4 kg
Article numer		25.1201