

PRODUCT CARD**GREENFOND****20 Garden DUO R**

GREENFOND 20 Garden DUO R retention and drainage layer made of hardened polyethylene(HDPE) with a height of 20 mm, integrated with filter geotextile

GREENFOND 20 Garden DUO retention and drainage layer made of high density HDPE polyethylene, integrated with durable TEX filtration geotextile. 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. All used product components are fully recyclable. Thanks to the appropriate size of the roll, i.e. width 2,0, length 10 m, we can quickly and efficiently place the product on large surfaces. The product has an excess of nonwoven on its width, which facilitates the mutual stacking of individual products among themselves. The use of a substrate directly deposited on the TEX filtration fabric is fully possible.



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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 ²
The amount of air between the embossments		14 liters / m ²
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 ²
TEX nonwoven fabric	PN-EN ISO 9864:2005 (U)	90 (+/- 9) g/m ²
The size of the roll		2,0m x 10m/20m ²
The weight of the product		18,64 kg
Article numer		25,1203-2