

Technical Datasheet

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Issue: 5

OLDROYD Xv20 GreenXtra

Polypropylene membrane EN 13252 F+D

3-layer green coloured drainage and filtering membrane with high drainage and high water reservoir capacities for green roofs. Supplied on rolls (2.0 m wide and 10 m long) the membrane has a grey PP nonwoven F&D geotextile attached on top.

When supplied as sheet (LxW=2.0 x 1.5 m) the geotextile is supplied separately on 50 m long rolls.

PROPERTIES	Standard	Unit	Value
Thickness, membrane		mm	0.8
Height total, approx.		mm	21
Straightness, deviation		mm/10m	<20
Weight total, incl. geotextile		kg/m ²	0.97
Water reservoir, approx.		L/m ²	4
Tensile strength, MD/CD (membrane)	EN ISO 10319	kN/m	>10
Tensile strain, MD/CD (membrane)	EN ISO 10319	%	>30
Resistance to oxidation	EN ISO 13438		Pass
Resistance to weathering	EN 12224		Pass
In-plane water flow capacity (compressive stress 20 kPa, i=0.7, rigid/soft)	EN ISO 12958	L/m·s	10.3
Dangerous substances	REACH directive	SVHC-list	None
Top filter PP nonwoven fabric			
Weight		g/m ²	110
Tensile strength, MD/CD	EN ISO 10319	kN/m	7
CBR resist. to static puncture	EN ISO 12236	N	1000
Dynamic perforation resistance	EN ISO 13433	mm	35
Water permeability normal to plane	EN ISO 11058	m/s	70·10 ⁻³
Opening size	EN ISO 12956	µm	140
Durability, all natural soils, < 25°C	EN 13252 B3.2.2	Years	≥ 25