

Technical Datasheet

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OLDROYD Xv Green

Polypropylene membrane EN 13967, Type V

Oldroyd Xv Green is a green-coloured plastic sheet for use in turf roof constructions. It is produced from PP and TPO (flexible PP), having TPO in both outer layers for improved friction and flexibility. Oldroyd Xv Green is manufactured with studs and a pattern of intersecting channels forming a 7 mm air gap between the sheet and the underlying surface. The sheets have flat edges for overlap joints on both sides.

PROPERTIES	Standard	Unit	Value
Roll length		m	20
Roll width		m	2.08
Straightness, deviation		mm/10m	<20
Thickness, sheet		mm	0.5
Height total, approx.		mm	7
Air volume		L/m ²	5
Weight total, approx.		kg/m ²	0.5
Tensile strength, MD/CD	EN 12311-2	N/5 cm	>350
Elongation, MD/CD	EN 12311-2	%	>30
Remaining tensile strength after contact with wet concrete	NT Poly 161-B/ EN 12311-2	%	>50
Tear resistance	EN 12310-1	N	>300
Compression strength, 1 mm deformation	EN 13967:2004 Annex B	kN/m ²	>35
Resistance to static loading	EN 12730	N	>200
Impact resistance	EN 12691:2006	mm	>350
Water tightness, 2 kPa	EN 1296	-	Pass
Water tightness after ageing, 2 kPa	EN 1296 / EN 1228	-	Pass
Water tightness against chemicals, 2 kPa	EN 1847 / EN 1228	-	Pass
Water vapour resistance	EN 1931	m ² sPa/kg	>1·10 ¹²
Reaction to fire	EN 13501	Class	F
Dangerous substances	REACH	SVHC list	None
Expected lifetime		Years	>50

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