

Root Membrane

Commercial product name : Root Membrane	Manufacturer : Isola as N-3945 Porsgrunn, Norway
Area of use : Sheets for waterproofing	AVCP System : 2+
Notified body : SINTEF NO 1071	
Product standard : EN 13707: Flexible sheets for waterproofing. Reinforced bitumen sheets for roof waterproofing. Definitions and characteristics	

Property	Method	Unit	Value
External fire performance according to EN 13501-5	EN 13501-5	-	Froof*
Euro fire class according to EN 13501-1	EN 13501-1	-	E
Resistance to water penetration	EN-1928	-	Pass
Tensile strength MD	EN-12311-1	N/50 mm	1100 ± 200
Tensile strength CMD	EN-12311-1	N/50 mm	1100 ± 200
Elongation At Maximum Tensile Force MD	EN: 12311:1	%	50 ± 10
Elongation At Maximum Tensile Force CMD	EN: 12311:1	%	50 ± 10
Tear resistance MD	EN-12310-1	N	220 ± 50
Tear resistance CMD	EN-12310-1	N	220 ± 50
Flow resistance at elevated temperature after artificial ageing	EN-1110	mm at 90 °C	0
Dangerous Substances	No method available	-	None

*) The external fire performance of a roof is dominated by the build up and components not delivered by Isola. Due to this, the external fire performance cannot be declared in this DoP

The product properties are in conformity with the declaration of performance above.
This declaration of performance is issued under the sole responsibility of the manufacturer

Name and title	Place and date of issue	Signature
Trond Risberg Environmental- and Documentation Manager	Porsgrunn , 2023.03.31	