

## Technical data sheet

Product trade name		Finishing		
OLYMPIA 3 MM SP POL PBS		POLYETHYLENE	POLYETHYLENE	
Coatings Type	Carrier Type		Rev	
APP	SP Polyester		01/2023	
Description of product				
Reinforced bitumen sheets for waterproofing to be applied by torching.				
Systems				
EN 13707 - Multilayer system without permanent surface protection - underlay - EN 13707 - Multilayer system under permanent heavy protection - underlayer - EN 13969 - A - Bitumen damp proof sheet -				
Characteristic	Test method	Units	Expression of result	Value
Visible difects	EN 1850 -1	Statement	Pass	Pass
Length	EN 1848 -1	m	MLV	10-1%
Width	EN 1848 -1	m	MLV	1-1%
Straightness	EN 1848 -1	Statement	Pass < 20mm/10m	Pass
Thickness	EN 1849 -1	mm	MDV ± 10%	3
Mass per unit area	EN 1849 -1	Kg/m <sup>2</sup>	MDV ±10%	-
Watertightness	EN 1928:2000 METODO A	Statement	Pass >60 kPa	Pass
Watertightness after stretching at low temperature	EN 13897	%	MLV	NPD
External fire performance	EN 13501-5	Class	Pass	F roof
Reaction to fire	EN 13501-1	Class	Pass	F
Tensile properties:maximum tensile force L/T	EN 12311-1	N/50 mm	MDV ±20%	600 500
Tensile properties:elongation L/T	EN 12311-1	%	MDV±15 abs	40 40
Resistance to tearing (nail shank) L/T	EN 12310-1	N	MDV±30%	150 150
Resistance to impact	EN 12691	mm	MLV	900
Resistance to static loading	EN 12730-1	kg	MLV	15
Flexibility at low temperature	EN 1109	°C	MLV	-10
Flow resistance at elevated temperature	EN 1110	°C	MLV	130
Dimensional stability	EN 1107-1	%	MLV	±0,3%
Form stability under cyclical temperature change	EN 1108	mm	MLV	NPD
Artificial aging by long term exposure to elevated temperature	EN 1296	Δ°C	MDV	NPD/10
Flexibility at low temperature	EN 1109	°C	MLV	NPD
Flow resistance at elevated temperature	EN 1110	°C	MLV	120
Artificial aging by combination of UV radiation and water	EN 1297	Statement	Pass	NPD
Adhesion of granules	EN 12039	%	MDV	NPD
Water vapour transmission properties	EN 1931	μ	MDV±30% or 20.000	20.000
Resistance to root penetration	EN 13948	Statement	Pass	NPD
Peel resistance of joints	EN 12316-1	N/50 mm	MDV	NPD
Shear resistance of joints	EN 12317-1	N/50 mm	MLV	500/400
Durability-Watertightness after artificial ageing	EN 1296 - EN 1928	Statement	Pass	Pass
Durability - Watertightness after exposur	EN 1847 - EN 1928	Statement	Pass	Pass
Chemical resistance	EN 13707 All. C	Information	Tab. C1&C2	Tab. C1&C2

All tolerances as per EN 13707, EN 13969, EN 14695, EN 13859-1, EN 13970 and Linea Guida AISPEC-MBP. MLV:Manufacturing limit value; MDV: Manufactured declared value; NPD : No Performance Determined. This datasheet contains information that can be potentially changed without notice by CASALI. For a correct use of the product refers to the technical documentation of the supplier.

The product does not contain asbestos, asphalt within the meaning of D.LGS(legislative decree) n° 285/98