



<b>PRODUCT TRADE NAME</b>	<b>Aderix AS SP Polyester 4,5 kg Mineral</b>			
<b>MISSION</b>	Dual APP/SBS self adhesive membrane designed for cold application with no flame			
<b>CATEGORY</b>	Professional use			
<b>PRODUCT FAMILY</b>	<p><b>ADERIX</b> Self-adhesive waterproof membranes are the intended solution for cold application without the use of flame. <b>ADERIX AS</b> membranes is made of "dual compound" APP and self-adhesive compound which provides a suitable combination of special bitumen, SBS elastomeric polymers and resins that enhance their adhesive performance in time. The new generation of stabilized nonwoven spun bond polyester reinforcement adds a high mechanical resistance and an excellent dimensional stability. <b>ADERIX AS</b> membranes are particularly suitable to waterproof flat or pitched roofs with wooden subfloors, or in presence of flame sensitive heat-insulating materials. <b>ADERIX AS SP Polyester 4,5 Mineral</b> with top finishing in Natural or colored Mineral chips, is used as a cape sheet on the top of a flame sensitive pitched or flat exposed roof in a full Self adhesive no flame system, or as an undertile single layer..Top finish is in Mineral Chips with different colours while the bottom finish is made of silicone removable PE film</p>			
<b>FEATURES</b>	<b>CARRIER TYPE</b>	<b>COMPOUND</b>	<b>FINISHING (TOP / BOTTOM)</b>	
	SP POLYESTER	Dual APP/Self Adhesive SBS	SLATE FLAKES / SILICONISED FILM	
<b>SYSTEMS</b>	EN 13707 – Multilayer system without permanent surface protection – Top Layer EN 13859-1 – Under tile for discontinuous roofing			
<b>CHARACTERISTIC</b>	<b>TEST METHOD</b>	<b>UNITS</b>	<b>EXPRESSION OF RESULT</b>	<b>VALUE</b>
Visible difects	EN 1850 -1	Statement	Pass	Pass
Length	EN 1848 -1	m	MLV	10
Width	EN 1848 -1	m	MLV (-0.5%+1.5%)	1
Thickness	EN 1849 -1	mm	MDV $\pm$ 10%	3,85
Mass per unit area	EN 1849 -1	Kg/m <sup>2</sup>	MDV $\pm$ 10%	4,5
Watertightness	EN 1928:2000 Met. A	kPa	$\geq$ 60 kPa	Pass
Watertightness after stretching at low temperature	EN 13897	%	MLV	NDP
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	EN 12311-1	N/5 mm	$\pm$ 20 %	600
Tensile properties (maximum tensile force): T	EN 12311-1	N/5 mm	$\pm$ 20 %	500
Tensile properties (elongation): L	EN 12311-1	%	$\pm$ 15 ass.	40
Tensile properties (elongation): T	EN 12311-1	%	$\pm$ 15 ass.	40
Resistance to tearing (nail shank): L	EN 12310-1	N	$\pm$ 30 %	150
Resistance to tearing (nail shank): T	EN 12310-1	N	$\pm$ 30 %	150
Resistance to impact (met. A)	EN 12691	mm	$\geq$	900
Resistance to static loading (met. B)	EN 12730 -1	kg	$\geq$	15
Flexibility at low temperature	EN 1109	$^{\circ}$ C	MLV	-10/-20*
Flow resistance at high temperature	EN 1110	$^{\circ}$ C	MLV	100



CHARACTERISTIC	TEST METHOD	UNITS	EXPRESSION OF RESULT	VALUE
Dimensional stability: L	EN 1107-1	%	≤	± 0.3
Dimensional stability: T	EN 1107-1	%	≤	± 0.3
Form stability under cyclical temperature change	EN 1108	mm	MLV	NPD
Artificial aiging by long term exposure to high temperature	EN 1296	Δ °C	MDV	NDP/10
• Flexibility at low temperature	EN 1109	°C	MVL	NPD
• Flow resistance at high temperature	EN 1110	°C	MVL	90
Adhesion on granules	EN 12039	%	Pass	< 30
Resistance to root penetration	EN13948	Statement	Pass	NDP
Artificial aging by combination of UV radiation and water	EN 1297	Statement	Pass	NPD
Water vapour transmission proprieties	EN 1931	μ	MDV± 30% or 20.000	20.000
Peel resistance of joints	EN 12316-1	N/50mm	MDV	NPD
Shear resistance of joints	EN 12317-1	N/50mm	MDV	500/400
Durability-watertightness after artificial ageing	EN 1296 EN 1928	Statement	Pass	NPD
Durability-watertightness after exposure against chemicals	EN 1847 EN 1928	Statement	Pass	NPD
Chemical resistance	EN 13707 All.C	Information	Tab C1&C2	Tab C1&C2
<b>*Flexibility at low Temperature: SA side -20°C / Upper side -10°C – Peeling on steel (ASTMD1000) ≥ 30N/10mm</b>				
All tollerances as per EN 13707, EN 13969, EN 14695, EN 13859-1, EN 13970 e Linee Guida AISPEC-MBP. MLV: Limit Value; MDV: Medium Value; NPD: Performance not declared since not significant for the expected final use L = Longitudinal; T = Transversal.				
The technical data provided refer to the average results of tests carried out on products and may be modified by CASALI S.p.A. without prior notice. The values and tollerances comply with UNI EN 13707, UNI EN 13969 and UNI EN 14695 regulations and UEAtc Directives. The standard warranty covering specific characteristics of different types of membranes does not include appearance and finish which may vary according to the combined effect of different environmental factors. Manufacture declines all and any liability in the case of improper use of the materials indicated herein. For more information please contact Casali's Technical Office.				
<b>The product does not contain asbestos, asphalt within the meaning of D.LGS (legislative decree) n° 285/98</b>				