PRODUCT TRADE NAME	# Aderix AS Polyester 2,5mm PE
MISSION	Dual APP/SBS self adhesive membrane designed for cold application with no flame
CATEGORY	Professional use
PRODUCT FAMILY	**ADERIX** Self-adhesive waterproof membranes are the intended solution for cold application without the use of flame. **ADERIX AS** 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 spunbond polyester reinforcement adds a high mechanical resistance and an excellent dimensional stability. **ADERIX AS** membranes are particularly suitable to waterproof flat or pitched roofs with wooden subfloors, or in presence of flame sensitive heat-insulating materials**. ADERIX AS 2,5 mm** with top finishing in PE film may be used as a base sheet under torch on finishing layer in a double layer solution, and for damp proof waterproofing. Top finish is in PE film while the bottom finish is made of silicone removable PE film.

FEATURES	**CARRIER TYPE**	**COMPOUND**	**FINISHING** (TOP / BOTTOM)
	POLYESTER	Dual APP/Self Adhesive SBS	POLYETHYLENE / SILICONISED FILM

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	15
Width	EN 1848 -1	m	MLV (-0.5%+1.5%)	1
Thickness	EN 1849 -1	mm	MDV ± 10%	2,5
Mass per unit area	EN 1849 -1	Kg/m²	MDV ± 10%	-
Watertightness	EN 1928:2000 Met. A	kPa	≥ 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 Tensile properties (maximum tensile force): T	EN 12311-1 EN 12311-1	N/5 mm N/5 mm	± 20 % ± 20 %	400 300
Tensile properties (elongation): L Tensile properties (elongation): T	EN 12311-1 EN 12311-1	% %	± 15 ass. ± 15 ass.	35 35
Resistance to tearing (nail shank): L Resistance to tearing (nail shank): T	EN 12310-1 EN 12310-1	N N	± 30 % ± 30 %	130 130
Resistance to impact (met. A)	EN 12691	mm	≥	700
Resistance to static loading (met. B)	EN 12730 -1	kg	≥	10
Flexibility at low temperature	EN 1109	°C	MLV	-10/-20*
Flow resistance at high temperature	EN 1110	°C	MLV	100

CE 1381-CPR-376

EN 13707

Casali S.p.A. – z.i. C.I.A.F. 60015 Castelferretti (AN) – Tel +39 071 9162095 Fax +39 071 9162098 www.casaligroup.it - assistenzatecnica@casaligroup.it

CHARACTERISTIC	TEST METHOD	UNITS	EXPRESSION OF RESULT	VALUE
Dimensional stability: L Dimensional stability: T	EN 1107-1 EN 1107-1	% %	≤ ≤	± 0.3 ± 0.3
Form stability under cyclical temperature change	EN 1108	mm	MLV	NPD
Artificial aiging by long term exposure to high temperature • Flexibility at low temperature • Flow resistance at high temperature	EN 1296 EN 1109 EN 1110	Δ °C °C °C	MDV MVL MVL	NDP/10 NPD 90
Adhesion on granules	EN 12039	%	Pass	NPD
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	300/200
Durability-watertightness after artificial ageing	EN 1296 EN 1928	Statement	Pass	Pass
Durability-watertightness after exposure against chemicals	EN 1847 EN 1928	Statement	Pass	Pass
Chemical resistance	EN 13707 All.C	Information	Tab C1&C2	Tab C1&C2
***Flexibilty at low Temperature: SA side -20°C / Upper side -10°C – Peeling on steel (ASTMD1000) ≥ 30N/10mm**				
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 tolerances 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.				
The product does not contain asbestos, asphalt within the meaning of D.LGS (legislative decree) n° 285/98				

CE 1381-CPR-376

EN 13707