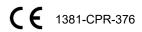


## TECHNICAL DATA SHEET-Aderix SP Pol 4,5 Mineral rev 04/24 1381-CPR-376

PRODUCT TRADE NAME	Aderix AS SP Polyester 4,5 kg Mineral									
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 spun bond 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 SP Polyester 4,5 Mineral 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 layerTop finish is in Mineral Chips with different colours while the bottom finish is made of silicone removable PE film									
	CARRIER TYPE	со	MPOUND		FINISHING (TOP / BOTTOM)					
FEATURES	SP POLYESTER Dual APP/Self Adhesive SBS			S	SLATE FLAKES / SILICONISED FILM					
SYSTEMS	EN 13707 – Multilayer system without permanent surface protection – Top Layer EN 13859-1 – Under tile for discontinuous roofing									
CHARACTERISTIC		TEST METHOD	UNITS	EXPRES	SION OF RESULT	VALUE				
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 ± 10%		3,85				
Mass per unit area		EN 1849 -1	Kg/m²	MDV ± 10%		4,5				
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 %		600 500				
Tensile properties (elongation): L Tensile properties (elongation): T		EN 12311-1 EN 12311-1	% %	± 15 ass. ± 15 ass.		40 40				
Resistance to tearing (nail shank): L Resistance to tearing (nail shank): T		EN 12310-1 EN 12310-1	N N	± 30 % ± 30 %		150 150				
Resistance to impact (met. A)		EN 12691	mm		≥	900				
Resistance to static loading (met. B)		EN 12730 -1	kg		2	15				
Flexibility at low temperature		EN 1109	°C		MLV	-10/-20*				
Flow resistance at high temperature		EN 1110	°C		MLV	100				



EN 13707





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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	EN 1296	Δ°C	MDV	NDP/10
<ul><li>Flexibility at low temperature</li><li>Flow resistance at high temperature</li></ul>	EN 1109 EN 1110	°C °C	MVL MVL	NPD 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

## \*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

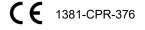
The technical data provided refer to the average results of tests carried out on products and may be modified by CASALI S.p.A. without prior notice.

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



EN 13707

L = Longitudinal;

T = Transversal.