



PRODUCT NAME	ADERIX Polyester 2,5 mm PE			
MISSION	Dual APP/SBS self adhesive membrane designed for cold application with no flame			
CATEGORY	Professional use			
PRODUCT DESCRIPTION	ADERIX Self-adhesive waterproof membranes are the intended solution for cold application without the use of flame. ADERIX membranes is made of "dual compound" APP and self-adhesive compound which provides a suitable combination of special bitumen, 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 membranes are particularly suitable to waterproof flat or pitched roofs with wooden subfloors, or in presence of flame sensitive heat-insulating materials. ADERIX 2,5 mm with top finishing in PE film is used as a base under the ADERIX mineral versions in a double layer solution or as under tiles membranes on the top of wooden pitched roofs. Top finish is in PE/or PPE texture film while the bottom finish is made of silicone removable PE film.			
CHARACTERISTICS	COMPOUND	REINFORCEMENT	FINISHING	
	Dual APP/SA SBS	Polyester	POLYETHYLENE / SILICONISED FILM	
USE DESTINATION	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			
DESCRIPTION	TEST METHOD	UNITS	EXPRESSION OF RESULT	VALUE
Visible defects	EN 1850 -1	Statement	Pass	Pass
Lenght	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%	2.5
Mass per unit area	EN 1849 -1	Kg/m²	MDV ± 10%	-
Watertightness	EN 1928:2000 MET. A	Statement	Pass > 60kPa	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 Tensile properties (maximum tensile force): T	EN 12311-1	N/50 mm	MDV ± 20%	400 300
Tensile properties (elongation): L Tensile properties (elongation): T	EN 12311-1	%	MDV ± 15 abs.	35 35
Tearing resistance (nail shank): L Tearing resistance (nail shank): T	EN 12310-1	N	MDV ± 30%	130 130
Resistance to impact	EN 12691/A	mm	MLV	700
Resistance to static loading	EN 12730-1/B	Kg	MLV	10
Flexibility at low temperature	EN 1109	°C	MLV	-10/-20*
Flow resistance at high temperature	EN 1110	°C	MLV	100



DESCRIPTION	TEST METHOD	UNITS	EXPRESSION OF RESULT	VALUE
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 high temp	EN 1296	Δ °C	MDV	NPD/10
• Flexibility at low temperature	EN 1109	°C	MVL	NPD
• Flow resistance at high temperature	EN 1110	°C	MVL	90
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% o 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	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

*** FLEXIBILITY AT LOW TEMPERATURE ON SELF ADHESIVE SIDE -20°C – UPPER SIDE FLEXIBILITY AT LOW TEMPERATURE -10°C
PEELING ON STEEL (ASTM D1000) ≥ 30 N/10 mm.**

Tolerance by EN 13707, EN 13969, EN 14695, EN 13859-1, EN 13970 and guidelines AISPEC-MBP.

MLV = Limit value;

MDV = Medium value;

NPD = Performance not registered since not significative value for the expected final use.

This technique form contains information subject to correction without any CASALI'S S.p.A. previous notice.

You are required to follow the technical documentation issued by producer for a correct use of product.

According to D.lgs 285/98 this product does not contain asbestos, tar and any other dangerous subsatnces