



TECHNICAL CHARACTERISTICS

CHARACTERISTIC	TEST METHOD	UNITS	NOMINAL VALUES	TOLERANCES
Visible defects	EN 1850-1	visible	Without defects	
Length	EN 1848-1	m	12.00 -1%	MLV
Width	EN 1848-1	m	1,000 -1%	-0.5%+1.5%
Straightness	EN 1848-1	mm	20 mm x 10 m	MDV
Mass per unit area	EN 1849-1	Kg/mq	1.8	± 10%
Reaction to fire	EN 13501-1	Class	E	.
Tensile Strength Longitudinal / Transversal	EN 12311-1	N/50 mm	800/480	± 20%
Elongation at break Longitudinal / Transversal	EN 12311-1	%	45/ 55	- 15 absolut
Resistance to tearing (nail shank)	EN 12310-1	N	230/230	- 30%
Artificial Ageing by long time exposure to UV ray combined to high temperature and heat.Tensile strength resistance	EN 1297-EN1296/EN12311-1	N/50 mm	800/480	±30%initial value
Artificial Ageing by long time exposure to UV ray combined to high temperature and heat.Elongation at break	EN 1297-EN1296/EN12311-1	%	45/55	± 30%initial value
Dimensional stability Longitudinal / Transversal	EN 1107-1	%	± 0,5%	MLV
Flexibility at low temperature	EN 1109	°C	-20	MLV
Artificial Ageing by long time exposure to UV ray combined to high temperature and heat. Resistance to water penetration.	EN 1297-EN 1296/ EN 1928-EN 13859-1	Class	W1	Pass
Resistance to water penetration	EN 1928-EN 13859-1	Class	W1	Pass
Diffusion of water vapor - layer thickness of air (Sd)	EN 1931	m	85	± 5

FURTHER INFORMATION

Notification code	NB 1292
Certificate number	076993-M1-b
Reference norme	EN 13859-1
Reinforcement	Polyester non-woven
Compound	Bitumen modified whit APP
Surface Finishing	External side: nonwoven+silicon film (overlap) Internal side: nonwoven+silicon film (overlap)
Application method	mechanical fixing
Field of application	Underlayer for discontinuous roofing For a correct use of the products, please refer to the technical documents issued by the manufacturer. If any law, norm or regulation different from what declared by the manufacturer is in force in the country where the product must be installed, it must be considered as compulsory by the applicator. It is his own responsibility to follow the suitable legislative references.



Legenda:

6 - Underlayments for discontinuous roofing

TOLAGO

EST. 2015

