



TECHNICAL CHARACTERISTICS

CHARACTERISTIC	TEST METHOD	UNITS	NOMINAL VALUES	TOLERANCES
Visible defects	EN 1850-1	visible	Without defects	
Length	EN 1848-1	m	10,00 -1%	MLV
Width	EN 1848-1	m	1,000 -1%	MLV
Straightness	EN 1848-1	mm	20 mm x 10 m	MLV
Thickness	EN 1849-1	mm	4	± 0,2
Watertightness (A)	EN 1928	kPa	60	MLV
External fire performance	EN 13501-5	Class	F Roof	.
Reaction to fire	EN 13501-1	Class	Class E	Pass
Shear resistance longitudinal / transversal	EN 12317-1	N/50 mm	400 / 300	± 20%
Tensile Strength Longitudinal / Transversal	EN 12311-1	N/50 mm	500 / 400	± 20%
Elongation at break Longitudinal / Transversal	EN 12311-1	%	35 / 35	- 15 absolut
Resistance to impact	EN 12691	mm	800	MLV
Resistance to static loading Method A	EN 12730	Kg	15	MLV
Resistance to tearing (nail shank)	EN 12310-1	N	150 / 150	- 30%
Resistance to root penetration	EN 13948	Visible	Pass	Pass
Dimensional stability Longitudinal / Transversal	EN 1107-1	%	± 0,3 %	MLV
Flexibility at low temperature	EN 1109	°C	-10	MLV
Flow resistance at elevated temperature	EN 1110	°C	120	MLV
Flow resistance at elevated temperature after artificial ageing	EN 1296 / EN 1110	°C	120	-10
Artificial ageing by long-term exposure to the combination of UV radiation, elevated temperature and water	EN 1297 / EN 1850-1	Visible	Pass	Without defects

FURTHER INFORMATION

Notification code	NB 2003
Certificate number	2003-CPR-441
Reference norme	EN 13707
Reinforcement	Woven non-woven polyester reinforced with glassfibre
Compound	Bitumen modified with APP treated with special antiroot additive
Surface Finishing	External side: sand, polymeric film PE/PP, non-stick polymeric TNT Internal side: sand, polymeric film PE/PP, non-stick polymeric film TNT
Application method	For internal side sanded, polymeric film, no-stick polymeric TNT: Flame of propane gas / mechanical fixing only underlayer For internal side sanded: Hot adhesive, cold adhesive
Field of application	Underlayer and intermediate layer Top layer Sheet for roof garden 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:

- 1 - Reinforced bituminous membranes for the roofing waterproofing - Low and middle layers
- 2 - Reinforced bituminous membranes for the roofing waterproofing - Final layers
- 4 - Reinforced bituminous membranes for the roofing waterproofing - Roof-gardens

In accordance with directives issued by the Council and the European Community Commission, which sets out "classification, labeling and packaging of dangerous goods, the product contains no hazardous components".
All bituminous membranes produced by General Membrane SA are made of modified bitumen and contains no coal tar, asbestos, chlorine, used and/or rerafinate and are not hazardous waste. The release of the data sheet for this product is not mandatory.

