

PRODUCT

Startbar S

ISSUED

GB-1-
03/09

TECHNICAL CHARACTERISTICS

CHARACTERISTIC	TEST METHOD	UNITS	NOMINAL VALUES	TOLERANCES
Length	EN 1848-1	m	50,00 -1%	valore minimo
Width	EN 1848-1	m	1,000 -1%	-0,5% / + 1,5%
Straightness	EN 1848-1	mm	30 mm x 10 m	MLV
Mass per unit area	EN 1849-1	Kg/mq	0,450	± 5%
Reaction to fire	EN 13501-1	Class	E	Pass
Tensile Strenght Longitudinal / Transversal	EN 12311-1	N/50 mm	460 / 360	± 20%
Elongation at break Longitudinal / Transversal	EN 12311-1	%	45 / 45	- 15 absolut
Resistance to tearing (nail shank)	EN 12310-1	N	160 / 170	- 30%
Dimensional stability Longitudinal / Transversal	EN 1107-1 met. A	%	± 0,5%	MLV
Flexibility al low temperature	EN 1109	°C	-45	MLV
Artificial Ageing by long time exposure to UV ray combined to high temperature and heat. Tensile strength resistance / elongation at break	EN 1297-EN 1296 / EN 12311-1	N/50 mm / %	460 / 360 - 45 / 45	± 50% initial value
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
Water vapour transmission	EN 1931	Sd / m	22	± 5
Resistance to water penetration	EN 1928 / EN 13859-1	Class	W1	Pass

FURTHER INFORMATION

Reference norme	EN 13859-1
Reinforcement	Woven non woven polyester
Compound	Bitumen modified whit APP
Surface Finishing	External side:TNT Fabric Internal side: TNT Fabric
Application method	mechanical fixing
Field of application	Underlayer for discontinuos 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.
Manufacturing code	06085



Legenda:

6 - Underlayments for discontinuous roofing

In terms of the Italian Ministerial Decree n° 65 of 14th March 2003, which sets out 'Classification, labelling and packaging of dangerous preparations in execution of the Directives issued by the Council and by the Commission of the European Community' the product does not contain dangerous elements. All membranes made by GENERAL MEMBRANE SpA are manufactured by using unblown asphalt and do not contain tar from coal, asbestos, chlorine, used and/or re refined, are recyclable and are not dangerous waste. The release of a safety data sheet for this product is not compulsory, in any case an informative document is available for the correct use of the product.



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