Conformity Data Sheet	ST 380
PRODUCT Galaxy FC 4 mm	ISSUED IRL-00-05/06

TECHNICAL CHARACTERISTICS

CHARACTERISTIC	TEST METHOD	UNITS	NOMINAL VALUES	TOLERANCES
Visible defects	EN 1850-1	visible	Without defects	
Lenght	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	B roof	F Roof	
Reaction to fire	EN 13501-1	Class	F	Pass
Shear resistence longitudinal / transversal	EN 12317-1	N/50mm	750 / 550	± 20%
Tensile Strenght Longitudinal / Transversal	EN 12311-1	N/50mm	850 / 650	± 20%
Elongation at break Longitudinal / Transversal	EN 12311-1	%	40 / 40	- 15 absolut
Resistance to impact	EN 12691	mm	1250	MLV
Resistance to static loading Method A	EN 12730	Kg	20	MLV
Resistance to tearing (nail shank)	EN 12310-1	N	190 / 190	- 30%
Dimensional stability Longitudinal / Transversal	EN 1107-1 met. A	%	± 0,3 %	MLV
Flexibility al low temperature	EN 1109	°C	-25	MLV
Flow resistance at elevated temperature	EN 1110	°C	140	MLV
Flexibility al low temperature after artificial ageing	EN 1296 / EN 1109	°C	-25	MLV
Flow resistance at elevated temperature after artificial ageing	EN 1296 / EN 1110	°C	140	-10
Artificial ageing by long-term exposure to the combination of Uv radiation, elevated temperature and water	EN 1297 / EN 1850-1	Visible	Pass	Whitout defects

FURTHER INFORMATION

Notification code	0120
Certificate number	GB06/69203
Reference norme	EN 13707
Reinforcement	Polyester non-woven reinforced with glassfibre
Compound	Bitumen modified with APAO (amorphous polyalpaolefins)
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 except single layer For internal side sanded: Hot adhesive, cold adhesive
Field of application	Underlayer and intermediate layer Top layer Single layer Sheet under heavy protection 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
3 - Reinforced bituminous membranes for the roofing waterproofing - Single layer
5b - Reinforced bituminous membranes for the roofing waterproofing - Membranes under heavy protection

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. In according with the norm EN 13707 (October 2004) the water vapour transmission factor μ can be taken as >20.000.
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 rerefined, 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.