

Product Technical Information

ITA / ATEXP / 590

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Revision 3 – 16/02/10

MONARPLAN G

DESCRIPTION AND SCOPE OF APPLICATION

PVC-P flexible roofing membranes used in flat roofs under ballast or in green roofs.

Monarplan G is being used in loose laid roof systems, for flat roof under ballast with appropriate perimeter fixation or for green roofs.

Connections are made with structural elements of rigid PVC or with metal plate coated with PVC sheeting (plasticized).

Monarplan G can be welded by hot air (preferred method) or THF solvent (fluid).

Conform to European standard EN 13956 and UEAtc and EOTA certification.

COMPOSITION

Material	PVC-P, not bitumen resistant. Flame retardant.
Reinforcement	Glassfleece


DIMENSIONAL CHARACTERISTICS

Thickness (mm)	1,2 / 1,5 / 1,8
Weight (g/m ²)	1575 / 1950 / 2320
Width (cm)	212
Colour	top : mouse grey (652, RAL 7042)

PERFORMANCES

KIND OF TESTS	Reference Norm	Units	Nominal values
Tensile strength	EN 12311-2	N/mm ²	≥ 8
Elongation at break	EN 12311-2	%	≥ 200
Tear strength	EN 12310-2	N	> 100
Tensile strength overlap	EN 12317-2		break outside joint
Low temperature flexibility	EN 495-5	°C	≤ -25
Dimensional stability 6h at 80°C	EN 1107-2	%	≤ 0,1
UV ageing	prEN 1297 (UV-B)	After 3024hrs	No cracks
Water vapour diffusion resistance (μ)	EN 1931		22.000
Root resistance	DIN 4062		passed
Reaction to fire	EN 13501-1		Class E

ISO 9001 REFERENCE DOCUMENT

Our company has been awarded the ISO 9001 certificate for all its establishments in France	
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