



MULTIFOIL 12/25/12 Laminate foil vapour barrier

Description

MULTIFOIL foil vapour barrier is a three layer lamination of Polyester Film / Aluminium foil / Polyester film in very thin gauges, specially designed as vapour barrier in thermal insulation systems.

MULTIFOIL combines the excellent vapour barrier properties of aluminium foil to the outstanding mechanical, chemical and thermal characteristics of polyester film, thus giving an ideal, flexible and efficient barrier material suitable for outdoor use.

Construction

- 1 layer of Polyester film 12 microns thick.
- 1 layer of Aluminium foil 25 microns thick.
- 1 layer of Polyester foil 12 microns thick.

Availability

In rolls up to 1 meter wide.

Packing

- 1000 mm(w) x 200 mtr
- 1000 mm(w) x 505 mtr

Physical properties

Specific gravity	2,2	kg/dm ³
Weight	110	gr/m ²
Tensile strength MD (ASTM D882-91T)	8,30	kg/15x100m
Tensile strength TD (ASTM D882-91T)	10	kg/15x100m
Elongation MD (ASTM D882-91T)	54	%
Elongation TD (ASTM D882-91T)	58	%
Elmendorf MD (ASTM D1876-93)	400	gr/mm
Elmendorf TD (ASTM D1876-93)	700	gr/mm
Friction film/film	0,45	Kinetic

Chemical properties

Humidity absorption	< 0,3	%
Steam permeability	0,000001	gr/m ² /hrs mmHg
μ-value	> 2,0 · 10 ⁻⁶	(practically water vapour tight)
Fungus resistance	no attack	

Thermal properties

Melting point (foil)	250 / 265	°C
Temperature resistance	-60 / +150	°C

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