



VAPOR FLAG

Technical Data Sheet N° WPSIT0500-14.09

DESCRIPTION

Synthetic membrane composed by a film of low density polyethylene, obtained by extrusion, black color. Vapor Flag does not contain flame retardants, resins or glues.

APPLICATION

Vapor Flag is laid in total independence with overlapping edges of 25-30 cm or using double-sided tape or butyl tape. Setting performed by applicators approved by Flag S.p.A.

FEATURES

- Waterproofing
- High coefficient of resistance to water vapour transmission

AREAS OF USE

- Vapour barrier layer for roofing
- Separation layer
- Slippage layer

PROPERTIES

	VAPOR FLAG 0,20	VAPOR FLAG 0,30	VAPOR FLAG 0,40	Test Method
Thickness (mm)	0,20	0,30	0,40	UNI EN 1849-2
Weight (g/m ²)	187 (± 6%)	281 (± 6%)	374 (± 6%)	UNI EN 1849-2
Tensile strength (N/50mm)				UNI EN 12311-2
- Longitudinal	≥ 94	≥ 141	≥ 181	
- Transversal	≥ 101	≥ 147	≥ 168	
Elongation to break (%)				UNI EN 12311-2
- Longitudinal	≥ 160	≥ 160	≥ 160	
- Transversal	≥ 190	≥ 190	≥ 190	
Tear resistance (N)	≥ 40	≥ 60	≥ 80	UNI EN 12310-2
Resistance to impact (mm)	≥ 40	≥ 70	≥ 100	UNI EN 12691
Resistance to static punching (kg)	≥ 20	≥ 20	≥ 20	UNI EN 12730
Join strength (N/50mm)	≥ 101	≥ 147	≥ 168	UNI EN 12311-2
Water tightness at 2 kPa	waterproof	waterproof	waterproof	UNI EN 1928 met. A
Water vapour transmission (μ)	240.000 (± 70.000)	240.000 (± 70.000)	240.000 (± 70.000)	UNI EN 1931
Reaction to fire	F	F	F	UNI EN 13501-1
Durability: - against ageing at 2 kPa - against chemicals at 2 kPa	waterproof waterproof	waterproof waterproof	waterproof waterproof	UNI EN 1928 UNI EN 1847

PRODUCTION STANDARD

Thickness	0,20 mm	0,30 mm	0,40 mm	
Width	4,00 m	4,00 m	2,00 m	
Number of rolls on each pallet	14	14	14	
Length	100 m	50 m	100 m	
Colour	BLACK			



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