

VAEPLAN®

Vapour Barrier DG SKB 18234, light reinforcement

Manufacturer:	VAEPLAN is certified ISO 9001 since 1999.
Application:	Treadable vapour and air barrier specially fit for the use on every type of continuous deck. It offers a temporary protection against rain, it can be used as waterproofing under floor tiles and as vapour barrier.. The application instructions for this product are available separately and must always be observed. * Fully self-adherent for a quick and efficient application
European standard:	EN 13984 (Flexible sheets for waterproofing - Plastic and rubber vapour control layers).
Description:	Fire-resistant and cold self-adhesive vapour and air barrier. The membrane consists of an aluminium sheet, LDPE and an integrated glass tissue reinforcement. It stays flexible and is specially suited for roof constructions that require an increased fire safety (according to DIN 18234).
Presentation:	Length: 50,0 m Width: 1,15 m Thickness: 0,50 mm

Property	Test method	Unit-Class.	Value	Result
Visible defects	EN 1850-2			no defects
Length	EN 1848-2	m	50	MDV
Width	EN 1848-2	m	1,20	MDV
Straightness	EN 1848-2	mm/10 m	30	passed
Thickness	EN 1849-2	mm	0,50	MDV
Water resistance	EN 1928 (A)	kPa	waterproof at 2kPa	passed
Vapour diffusion resistance	EN 1931	Sd (m)	≥ 1500	MLV
Water vapour resistance by artificial ageing	EN 1269 EN 1931	± 50% Deviation	12 weeks	passed
Dynamic resistance to impact	EN 12691-2	mm Ø at a height of 300 mm	20	MLV
Tensile strenght L/T	EN 12311-2	%	≥ 3/4	MLV
Tear strenght L/T	EN12311-2	N/mm ²	≥ 20/17	MLV
Tear resistance L/T	EN 13859-1	N	≥ 170/170	MLV
Reaction to fire	EN ISO 11925-2	EN 13501-1	Class E	passed
Fire safety : caloric value	EN 51900-1:2000 DIN 18234	kJ/m ²	< 10500	passed

MLV : Manufacturer Limited Value / MDV : Manufacturer Determined Value