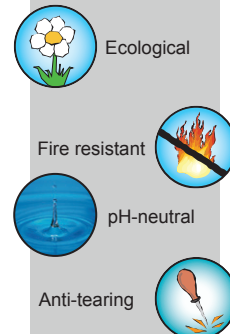


Manufacturer:	VAEPLAN is certified ISO 9001 since 1999.
Application:	Self-adhesive waterproofing membrane for flat and inclined roofs. The application instructions for this product are available separately and must always be observed.
	* Fully self-adhered with a polyester reinforcement
European standard:	EN 13956 (Flexible sheet for waterproofing. Plastic and rubber sheets for roof waterproofing)
Description :	A high-polymer, thermoplastic bitumen compatible VAE waterproofing membrane, with an integrated polyester lining and a self-adhesive butyl-layer.
Standard colours:	Light grey, white. Other colours on request.
Presentation:	Length: 15,0 m Width: 1,08 m – 1,05 m Width precut strips: 0,34 m – 0,54 m – 0,74 m Thickness: 1,20 mm [*] (2,80 mm [*]) 1,50 mm [*] (3,10 mm [*]) Weight: 1,50 kg/m ² [*] (2,26 kg/m ² [*]) 1,87 kg/m ² [*] (2,63 kg/m ² [*])

[*] thickness/weight membrane – [*] total thickness/weight



0800 CPR 14125

Property	Test method	Unit-Class.	Value	Result
Watertightness, method B	EN 1928	kPa / 72h	≥ 400	passed
External fire performance / flame dispersion	CEN/TS 1187	EN 13501-5	B _{ROOF} (t1)*	passed
Reaction to fire	EN ISO 11925-2	EN 13501-1	Class E	passed
Hail resistance	EN 13583	m/s	≥ 30	MLV
Lamination strength : peel resistance	EN 12316-2	N/50 mm	≥ 150	MLV
Lamination strength : shear resistance	EN 12317-2	N/50 mm	≥ 600	MLV
Vapour diffusion resistance	EN 1931	μ [± 30%]	14000	MDV
Tensile strength	EN 12311-2	N/50 mm	≥ 670	MLV
Elongation at break	EN 12311-2	%	≥ 250	MLV
Dynamic resistance to impact	EN 12691 (A)	mm	≥ 550	MLV
Resistance to static perforation	EN 12730 (B)	kg	≥ 20	MLV
Tear strenght	EN 12310-2	N	≥ 200	MLV
Resistance to root penetration	EN 13948			passed
Dimensional stability	EN 1107-2	%	≤ 0,5	MLV
Cold crack temperature	EN 495-5	°C	≤ - 30	MLV
UV resistance	EN 1297		Class 0	passed
Ozone resistance	EN 1844		no cracks	passed
Bitumen compatibility	EN 1548			bitumen compatible
Specific characteristics of the white version of VAEPLAN VS				
SRI (Solar Reflectance Index)	ASTM 1980		101	
Reflectivity	ASTM C-1549	%	81	
Emissivity	ASTM C-1371	%	91	

* In the tested configurations.

MLV: Manufacturer Limited Value / MDV: Manufacturer Determined Value

All data has been determined and based on the know-how at the edition of the PDS with reservation for technical modifications and developments.