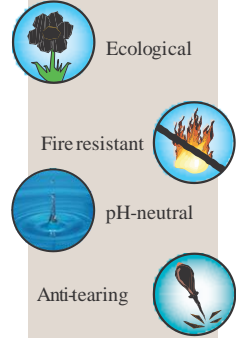


# VAEPLAN® F

<b>Manufacturer:</b>	VAEPLAN is certified ISO 9001 since 1999.										
<b>Application:</b>	Multifunctional waterproofing without reinforcement. For details, connections and bridging strips.										
<b>European standard:</b>	EN 13956 (Flexible sheet for waterproofing. Plastic and rubber sheets for roof waterproofing)										
<b>Description:</b>	A high-polymer VAE, thermoplastic, bitumen compatible waterproofing sheet.										
<b>Standard colours:</b>	Light grey, white. Other colours on request.										
<b>Presentation:</b>	<table> <tr> <td>Length:</td> <td>25,0 m</td> </tr> <tr> <td>Width:</td> <td>1,00 m</td> </tr> <tr> <td>Width precut strips:</td> <td>0,10 – 0,15 – 0,20 – 0,25 – 0,33 – 0,50 – 0,66 – 0,75 m</td> </tr> <tr> <td>Thickness:</td> <td>1,20 – 1,50 mm</td> </tr> <tr> <td>Weight:</td> <td>1,5 kg/m<sup>2</sup> – 1,87 kg/m<sup>2</sup></td> </tr> </table>	Length:	25,0 m	Width:	1,00 m	Width precut strips:	0,10 – 0,15 – 0,20 – 0,25 – 0,33 – 0,50 – 0,66 – 0,75 m	Thickness:	1,20 – 1,50 mm	Weight:	1,5 kg/m <sup>2</sup> – 1,87 kg/m <sup>2</sup>
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0800 CPR 14125

Characteristics	Test method	Unit-Class.	Value	Result
Watertightness, method B	EN 1928	kPa / 72h	≥ 400	passed
External fire performance	CEN/TS 1187	EN 13501-5	B <sub>ROOF</sub> (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/mm <sup>2</sup>	≥ 12	MLV
Elongation at break	EN 12311-2	%	≥ 250	MLV
Dynamic resistance to impact	EN 12691 (A)	mm	≥ 300	MLV
Resistance to static perforation	EN 12730 (B)	kg	≥ 20	MLV
Tear strength	EN 12310-2	N	≥ 200	MLV
Resistance to root penetration	EN 13948			passed
Dimensional stability	EN 1107-2	%	≤ 0,5	MLV
Cold bending temperature	EN 495-5	°C	≤ - 35	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 F				
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

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