



Product data sheet

1343

Product name:	EVALASTIC® V EPDM - elastomeric waterproofing membrane according to EN 13967
Manufacturer/ Distributor:	alwitra GmbH & Co. Klaus Göbel Am Forst 1 D – 54296 Trier
Place of production:	Factory Hermeskeil
Kind of installation:	The membranes are used as waterproofing membranes with moisture barrier (type A) and as waterproofing membranes with groundwater barrier (type T). Manufacturer's installation instruction must be strictly observed.
FPC certificate no.:	1343 - BPR - 06-1431
FPC issue of certification:	06
European standard:	EN 13967
Product description:	Bitumen compatible warm-ductile and weldable EPDM – sealing membrane with effective homogeneous sealing thickness 1,2 mm / 1,5 mm and polyester fleece-backing, produced in different colours.

Standard membrane dimensions: 25 m x 1,05 m (1,55 m) x 1,2 mm (1,5 mm) sealing thickness + backing

Property	Testing method	Unit (limit deviation)	Value	Results
Water tightness	EN 1928 Verfahren B	kPa	≥ 400 ^a	MLV
Reaction to fire	EN 13501-1		class E	EN 13501-1
Joint shear resistance	EN 12317-2	N/50 mm	≥ 200 ^b	MLV
Tensile strength	EN 12311-2	N/50 mm	≥ 500	MLV
Elongation of break	EN 12311-2	%	≥ 50	MLV
Resistance to impact load	EN 12691 method B	mm	≥ 300	MLV
Resistance to static load	EN 12730 method B	kg	≥ 20	MLV
Tear resistance	EN 13859-1	N	≥ 80	MLV
Dimensional stability	EN 1107-2	%	≤ 1	MLV
Low temperature flexibility	EN 495-5	°C	≤ - 35	MLV

Product data sheet according to CE

Effective: February 2009

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Property	Testing method	Unit (limit deviation)	Value	Results
Durability of watertightness against artificial aging	EN 1296 EN 1928			passed
Durability of watertightness against chemicals	EN 1847 EN 1928	on request		
Water vapour permeability	EN 1931	μ (± 30%)	+/- 60.000	MDV
Bitumen compability	EN 1548 EN 1928			passed
Resistance to root penetration ^c	N 13948			passed
^a Requirement according to DIN V 20000-202 ^b Or tear outside the seam or ≥ 175 (requirement according to DIN V 20000-202) ^c only for sealing in areas of green roof, seam welding identically with the product EVALASTIC® MLV = manufacturer's limiting value MDV= manufacturer's declared value				

Disclaimer: The preceding information, in particular the recommendations for the handling and use of our products, are based on our knowledge and experience in normal cases, providing that the products have been properly stored and used. Owing to different materials, subsurfaces and differing working conditions, we cannot guarantee a specific result or accept liability, irrespective of the legal position, substantiated neither by this information nor by verbal advice, unless we can be shown to be guilty of wilful intent or gross negligence. In this event, the user has to provide evidence that he has provided in writing all the notices required by alwitra for a proper and positive assessment to alwitra in good time and in full relating to this assessment. The user has to check the products for their suitability for the intended application. We reserve the right to make modifications to the product specification without notice. The trademark rights of third parties should be observed. In all other respects our general terms and conditions of business apply. The most recent local product datasheet also applies, which should be requested from us.

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