

CE Product data sheet

1343

Product name: EVALASTIC®
 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, homogeneous with effective sealing thickness 1,2 mm / 1,5 mm, produced in different colours.

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

Property	Testing method	Unit (limit deviation)	Value	Results
Water tightness	EN 1928 method 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/mm ²	≥ 5	MLV
Elongation of break	EN 12311-2	%	≥ 300	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 12310-1	N	≥ 80	MLV
Dimensional stability	EN 1107-2	%	≤ 2	MLV
Low temperature flexibility	EN 495-5	°C	≤ - 35	MLV

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Property	Testing method	Unit (limit deviation)	Value	Results
Durability of watertightness against artificial aging	EN 1847 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	EN 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 MLV = manufacturer's limiting value MDV = manufacturer's declared value				

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alwitra GmbH & Co. Klaus Göbel

Am Forst 1

54296 Trier

phone +49 651 9102 0

fax +49 651 9102 500

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www.alwitra.de