

## Evalon<sup>®</sup> VG

Superior Fire-Retarding Waterproofing



25 Year  
Guarantee



All of our  
membranes  
are  
thoroughly  
tested and  
certified



BREEAM  
Accredited



Trusted by  
architects,  
roofing  
contractors  
&  
developers

- ✓ Compatible with bitumen
- ✓ High thermal-mechanical resilience
- ✓ Root and rhizome-resistant
- ✓ High reflection of heat rays
- ✓ Smooth surface which does not retain dirt
- ✓ Flat Roofs
- ✓ Curved Roofs
- ✓ Sloped Roofs
- ✓ Mansard Roofs
- ✓ Dormers

**PRODUCT NAME:** EVALON<sup>®</sup> VG  
EVA - synthetic roofing membrane according to EN 13956

**MANUFACTURER/ DISTRIBUTOR:** alwitra<sup>®</sup> GmbH & Co. Klaus Göbel  
Am Forst 1  
D – 54296 Trier

**PLACE OF PRODUCTION:** Factory Hermeskeil

**KIND OF INSTALLATION:** As waterproofing of non-used flat and pitched roofs. Manufacturer's installation instruction must be strictly observed.

**FPC CERTIFICATE NO:** 1343 - BPR - 06-1432

**FPC ISSUE OF CERTIFICATION:** 06

**EUROPEAN STANDARD:** EN 13956

**PRODUCT DESCRIPTION:** Bitumen compatible EVA-roofing membrane, effective homogeneous sealing thickness 1,5 mm + glass fleece / polyester fleece backing, produced in different colours.

**STANDARD MEMBRANE DIMENSIONS:**  
Length: 25m  
Widths: 1,05m  
Thicknesses: 1,5mm sealing thickness + backing

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### Superior Fire-Retarding Waterproofing

PROPERTY	TESTING METHOD	UNIT (LIMIT DEVIATION)	VALUE	RESULTS
Water tightness	EN 1928 method B	kPa	≥ 400	MLV
Reaction to fire	EN 13501-1		class E	EN 13501-1
Joint shear resistance	EN 12317-2	N/50 mm	≥ 400	MLV
Tensile strength	EN 12311-2	N/50 mm <sup>2</sup>	≥ 500	MLV
Elongation at max.tensile force	EN 12311-2	%	≥ 60	MLV
Resistance to impact load	EN 12691 method A	mm	≥ 300	MLV
Resistance to static load	EN 12691 method B	kg	≥ 20	MLV
Tear resistance	EN 12310-1 EN 12310-2	N	≥ 300 ≥ 150	MLV
Dimensional stability	EN 1107-2	%	≤ 1	MLV
Low temperature flexibility	EN 495-5	°C	≤ -30	MLV
Durability of watertightness against artificial aging	EN 1296 EN 1928			passed
Durability of watertightness against chemicals	EN 1847 EN 1928	on request	on request	on request
Water vapour permeability	EN 1931	μ (± 30%)	+/- 20.000	MDV
Bitumen compability	EN 1548 EN 1928			passed
Resistance to root penetration c	EN 13948			passed

#### INFORMATION FOR THE USER

a Requirement according to DIN 20000-202

b respectively tear outside of seam (requirement according to DIN V 20000-201)

C only for waterproofing membranes under vegetation, seam welding identical with the product EVALON®

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 knowl-edge and experience in normal cases, providing that the products have been properly stored and used. Owing to different materials, subsur-faces 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 re-serve 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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