



Product data sheet



1343

Product name: EVALON V

Producer/Distributor: alwitra GmbH & Co. Klaus Göbel
Am Forst 1, D – 54296 Trier

Place of production: Factory Hermeskeil

Product installation: A single ply waterproof membrane for flat and pitched roofs, according to DIN 18531. Manufacturer's installation instructions must be strictly observed.

FPC Certificate No: 1343 - BPR - 06-1432
FPC Issue of Certification: 06

BBA Certificate No (UK): 96/3293

European Standard: EN 13956

Product description: Bitumen compatible EVA roofing membrane, with effective thickness of 1.2 mm /1.5mm /1.8 mm + polyester fleece backing.
Available in different colours.

Standard sheet sizes: 25 m x 1.05m (1.55m / 2.05m) x 1,2 mm (1,5mm/ 1,8 mm) effective thickness + polyester fleece backing.

Properties	Testing method	Unit (limiting deviation)	Result	Method of results
External fire performance ^a	ENV 1187 DIN 4102-7		Passed	
Reaction to fire	EN 13501-1		class E	EN 13501-1
Water tightness	EN 1928 method B	kPa	≥ 400	MLV
Joint peel resistance	EN 12316-2	N/50 mm	≥ 80	MLV
Joint shear resistance	EN 12317-2	N/50 mm	≥ 200	MLV
Max tensile force	EN 12311-2	N/50 mm	≥ 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 12730 method B	kg	≥ 20	MLV
Tear resistance	EN 12310-2	N	≥ 80	MLV
Dimensional stability	EN 1107-2	%	≤ 1	MLV
Low temperature flexibility	EN 495-5	°C	≤ - 25	MLV
UV exposure	EN 1297	visual control		passed
Hail resistance	EN 13583	m/s	≥ 30	MLV
Water vapour permeability	EN 1931	μ (± 30%)	ca. 20.000	MDV
Bitumen compatibility	prEN 1548			passed
Long Term Exposure Water tightness	EN 1847			According to list, annex C passed
Resistance to root penetration ^b	prEN 13948		passed	

Information for the user:

^a Tested to DIN 4102-7 with various roof construction layers. Therefore requirements in Germany are met.

^b Waterproofing and sealing of seams identical with EVALON[®], unbacked