

Evalon[®]

EVA - synthetic roofing membrane

| | |
|----------------------------------|--|
| PRODUCT NAME: | EVALON [®] EVA - synthetic roofing membrane according to EN 13956 |
| MANUFACTURER/ DISTRIBUTOR: | alwitra [®] GmbH & Co. Klaus Göbel Am Forst 1 D – 54296 Trier |
| PLACE OF PRODUCTION: | Factory Hermeskeil |
| KIND OF INSTALLATION: | As waterproofing of non-used ballasted roofs (e.g. gravel, extensive roof vegetation, inverted roof). 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, homogeneous, material thicknesses (sealing thickness) 1,2 mm/1,5 mm, produced in different colours. |
| STANDARD MEMBRANE DIMENSIONS: | Length: 25m Widths: 1,05m, 1,55m, 2.00m Thicknesses: 1,2mm / 1,5mm sealing thickness |

Evalon[®]

Superior Single-Ply Waterproofing

| PROPERTY | TESTING METHOD | UNIT (LIMIT DEVIATION) | VALUE | 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 | ≥ 150 ^c | MLV |
| Joint shear resistance | EN 12317-2 | N/50 mm | ≥ 400 ^c | MLV |
| Max. tensile force | EN 12311-2 | N/mm ² | ≥ 12,5 | MLV |
| Elongation at max.tensile force | EN 12311-2 | % | ≥ 300 | 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 12310-2 | N | ≥ 80 | MLV |
| Dimensional stability | EN 1107-2 | % | ≤ 2 | MLV |
| Low temperature flexibility | EN 495-5 | °C | ≤ -30 | MLV |
| UV exposure | EN 1297 | visual control | | passed |
| Hail resistance | EN 13583 | m/s | ≥ 30 | MLV |
| Water vapour permeability | EN 1931 | μ (± 30%) | +/- 20.000 | MDV |
| Bitumen compability | EN 1548 | | | passed |
| Durability (UV exposure, high temperatures and water) | EN 1297 | visual control | | passed |
| Liquid chemicals, including water | on request | | | |
| Resistance to root penetration d | EN 13948 | | | passed |

INFORMATION FOR THE USER

a NPE= No performance established; Roofing membrane only ballasted (e.g. gravel, vegetation)

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, sub-sur-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.

Tel: 01202 785200

Fax: 01202785201

Email: tech@icbwaterproofing.co.uk

Website: www.alwitra.co.uk

ICB(Waterproofing)Ltd | Units 9-11 Fleets Industrial Estate | Willis Way | Poole | BH15 3SU