

Declaration of Performance
Ampatop Secura plus: 1,5 x 50 m

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| Item | Performance description |
|------|---|
| 1 | Unique identification code of the product type: Ampatop Secura plus |
| 2 | Type number for identification of the construction product according to Article 11 Par. 4: Ampatop Secura plus |
| 3 | Use of the construction product intended by the manufacturer according to the applicable, harmonised technical specification: Roofing membrane according to DIN EN 13859-1 – Flexible sheets for waterproofing - Definitions and characteristics of underlays – Part 1: Underlays for discontinuous roofing; German version EN 13859-1:2014 |
| 4 | Product name and contact address according to Article 11 Par. 5: Ampatop Secura plus Ampack AG Seebleichestrasse 50 CH-9401 Rorschach |
| 5 | Name and address of authorised representative according to Article 12 Par. 2: Ampack AG Seebleichestrasse 50 CH 9401 Rorschach |
| 6 | System for the assessment and verification of constancy of performance in accordance with Appendix V, Point 1.4. of the BauPV (Construction Products' Regulations): System 3 |
| 7 | Performance declaration for a construction product for which a harmonised European standard exists: MPA Erwitte (0432) has carried out the testing of the fire behaviour. KIWA TBU Greven (0799) has carried out the testing of the water tightness. |
| 8 | Performance Declaration for a construction product for which a European Technical Assessment has been drawn up: - |

| Ampatop Secura plus | | | | | |
|--|---|---|----------------------|----------------------|----------------------|
| Harmonised European Standard: | EN 13859-1 | | | | |
| Major characteristics | | | Performance | | |
| Property | Method | Units | Nominal value | Minimum value | Maximum value |
| Mass per unit area | DIN EN 1849-2 | g/m ² | 220 | -10 % | +10 % |
| Width | DIN EN 1848-2 | m | 3,0 | -0.5 % | +1.5 % |
| Length | DIN EN 1848-2 | m | 25 | - 0% | |
| Straightness | DIN EN 1848-2 | mm / 10 m | < 30 | | |
| Fire behaviour | DIN EN 13 501-1 EN ISO 11925-2 | - | E | - | - |
| Resistance to water penetration | EN 1928 | Class | W 1 | | |
| Resistance to water penetration after ageing | EN 13859-1, Appendix C, EN 1297, EN 1296 | Class | W 1 | | |
| Water vapour permeability | EN 1931 or EN ISO 12572 | m | 0,15 | -0,08 | +0,08 |
| Maximum longitudinal tensile strength | EN 12 311-1 | N/5 cm | 300 | -60 | +60 |
| Maximum longitudinal tensile strength after ageing | EN 13859-1, Appendix C, EN 1297, EN 1296 | N/5 cm | 300 | -60 | +60 |
| Maximum transverse tensile strength | EN 12 311-1 | N/5 cm | 350 | -60 | +60 |
| Maximum transverse tensile strength after ageing | EN 13859-1, Appendix C, EN 1297, EN 1296 | N/5 cm | 350 | -60 | +60 |
| Longitudinal elongation | EN 12 311-1 | % | 50 | -15 | +15 |
| Longitudinal elongation after ageing | EN 13859-1, Appendix C, EN 1297, EN 1296 | % | 50 | -15 | +15 |
| Transverse elongation | EN 12 311-1 | % | 50 | -15 | +15 |
| Transverse elongation after ageing | EN 13859-1, Appendix C, EN 1297, EN 1296 | % | 50 | -15 | +15 |
| Longitudinal resistance to tearing (nail) | EN 12 310-1 | N | 225 | -35 | +35 |
| Transverse resistance to tearing (nail) | EN 12 310-1 | N | 225 | -35 | +35 |
| Dimensional stability | EN 1107-2 | % | -2 | | |
| Cold bending behaviour (flexibility) | EN 1109 | °C | -20 | | |
| Resistance to air penetration | EN 13859-2, Section 4.3.4 EN 12114 | m ³ /m ² x h x 50 Pa | not required | | |
| Water pressure resistance | Manufacturer's data | cm | >400 | | |
| Temperature resistance | Manufacturer's data | ° C | -40 bis +80 | | |
| Driving rain impermeability | Driving rain test TU Berlin | - | passed | | |
| Outdoor weathering | Manufacturer's data | months | 3 | | |
| Germany: Classification according to ZVDH (National Association of Roofers) | Product data sheet underlay / roofing membrane sheets | - | UDB-A / USB-A | | |
| Germany: Suitability as temporary roofing | Manufacturer's data | | Yes | | |
| Switzerland: SIA 232/1 | | | - | | |
| Austria: ÖNORM B 3661 and B 4119 | | | - | | |
| France: E.S.T classification | | - | E(1)-S(d3)-T(r2) | | |
| Hazardous substances | To be specified | - | None | | |

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The performance of the product according to Number 1 and Number 2 corresponds to the declared performance according to Number 9.

The manufacturer alone is responsible for the creation of the Performance Declaration according to Number 4.

Signed for and in the name of the manufacturer by:

Rorschach, 16.02.2015

A handwritten signature in blue ink, appearing to read 'U. Höing', is written in a cursive style.

Ulrich Höing
Head of Technology and Development, Ampack AG, Rorschach