

1. Unique identification code of the product:

EPDM three-layer (reinforced) or a single-layer hydro waterproofing to roofing AlphaThor

2. Intended use/es:

Products exposed to extrinsic factors: installation in a mechanical, glued and ballast system.

3. Manufacturer:

Address: Alpha Dam Sp. z o.o.
Dębowa Łąka 45
87-207 Dębowa Łąka 45

4. System/s of AVXP:

System 2+

5. Harmonised standard:

PN-EN 13956:2013-06 Flexible sheets for waterproofing – Plastic and rubber sheets for roof waterproofing – Definitions and characteristics

Notified body/ies: 1434, 1488

Certification body/ies: 1023

Institut pro testovani a certifikaci a.s., T. Bati 299, 764 21 Zlin, Czechy

Conducted an inspection of factory and factory production control and inspection surveillance assessment and evaluation on factory production control system 2+ and issued

5.1. Certificate of Conformity of the Factory Production Control No 1023-CPR-0722 F for AlphaThor and AlphaThorix

5.2. Certificate of Conformity of the Factory Production Control No 1023-CPR-0722 F for AlphaThor (NZB)

6. Declared performance/s:

| Essential characteristic | Unit | Performance | | |
|--|---------------------------------|--------------------------|--------------------------|--------------------------|
| | | AlphaThorix | AlphaThor | AlphaThor (NZB) |
| Reaction to fire | class | E | E | E |
| Watertightness | 10 kPA method B | Watertight | Watertight | Watertight |
| Tensile properties: Maximum strength: | | | | |
| - in longitudinal direction: | N/50mm | ≥ 700 | ≥ 700 | ≥ 300 |
| - in transverse direction: | N/50mm | ≥ 600 | ≥ 600 | ≥ 300 |
| Elongation: | | | | |
| - in longitudinal direction: | % | ≥ 3 | ≥ 3 | ≥ 331 |
| - in transverse direction | % | ≥ 2 | ≥ 2 | ≥ 9 |
| Resistance to static loading | kg method B | ≥ 20 | ≥ 20 | ≥ 20 |
| Resistance to impact | mm method A | ≥ 200 | ≥ 200 | ≥ 200 |
| Tear resistance: | | | | |
| - in longitudinal direction: | N | ≥ 185 | ≥ 185 | ≥ 71 |
| - in transverse direction | N | ≥ 144 | ≥ 144 | ≥ 68 |
| Joint shearing strength: | | | | |
| - transverse overlapping: | N/50 mm | ≥ 263 | ≥ 263 | ≥ 263 |
| - longitudinal overlapping | N/50 mm | ≥ 237 | ≥ 237 | ≥ 237 |
| Joint stripping strength: | | | | |
| - transverse overlapping: | N/50 mm | ≥ 198 | ≥ 198 | ≥ 198 |
| - longitudinal overlapping | N/50 mm | ≥ 203 | ≥ 203 | ≥ 203 |
| UV exposure | 1000 h 492 MJ/m ² | Fulfil test requirements | Fulfil test requirements | Fulfil test requirements |
| Flexibility at low temperature | °C | ≤ - 30 | ≤ - 30 | ≤ - 30 |
| Dangerous substances | - | None | None | none |

7. The performance of the product identified above is in conformity with the set of declared performance. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above

Signed for and on behalf of the manufacturer by:



Proxy Iwona Majek
Dębowa Łąka, 10 April 2018