

Declaration of Performance

No. 63.1 / 2023 /L

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| Unique identification code of the product-type: | KAPROTEX ML 90 |
| Intended use/s: | Underlays for discontinuous roofing - EN 13859-1:2010 |
| Manufacturer: | Steam-Permeablefoil ML 90 Lenko S. A. Ul. Eugeniusza Kwiatkowskiego 42 43-365 Wilkowice lenko@lenko.com.pl Manufacturing plant Lenko S. A. Ul. Eugeniusza Kwiatkowskiego 42 43-365 Wilkowice |
| System/s of AVCP: | 3 |
| Harmonised standard: Notified body/ies: | EN 13859-1:2010 edition of 22.09.2010 No. 1486 Centralny ośrodek Badawczo-Rozwojowy Przemysłu Izolacji Budowlanej No.1454, Sieć Badawcza Łukasiewicz – Warszawski Instytut Technologiczny |

Declared performance

| Essential characteristics | Performance | Harmonised technical specification |
|---|--|------------------------------------|
| Unit area weight | 90 +/- 15% | EN 13859-1:2010 |
| Reaction to fire | F | |
| Resistance to water penetration | W3 | |
| Tensile properties, tensile force: - longitudinal direction - transverse direction | 300 +/- 180 [N/50mm] 230 +/- 180 [N/50mm] | |
| Tensile properties: elongation: - longitudinal direction - transverse direction | 13+/-6[%] 13+/-6[%] | |
| Tear resistance: - longitudinal direction - transverse direction | 200 +/- 140 [N] 205 +/- 145 [N] | |
| Artificial ageing behaviour concerning Tensile properties, tensile force: - longitudinal direction - transverse direction | 300 +/- 170 [N/50mm] 230 +/- 180 [N/50mm] | |
| Tensile properties: elongation: - longitudinal direction - transverse direction | 13+/-6[%] 13+/-6[%] | |
| Resistance to water penetration | W3 | |
| Flexibility at low temperature | - 25°C | |

Signed for and on behalf of the manufacturer by:

 "Lenko" Spółka Akcyjna
 Kierownik Technologii i Rozwoju

Wilkowice 28.08.2023

Justyna Grzybek

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