



Declaration of Performance

Product identification code

Isover 120, Vapour barrier

Product label

Kullaplast 120

Construction product's intended use

Flexible sheets for waterproofing. Product type A, Polyethylene (PE).

Manufacturer

Kullaplast AB

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Representative for manufacturer

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Sverige

System for assessment and continuous supervision of construction product's performance

System 3

Product certification

The registered body SP Sveriges Tekniska Forskningsinstitut, 0402, have issued an EG-certification No. 0402-CPR-SC0541-13. Based on the registered testing laboratory's inspection of the product's properties.

Declared performance

Performance for Kullaplast 120 in accordance with the standards required by EN 13984:2013, "Flexible sheets for waterproofing. Plastic and rubber vapour control layers".

Nominal thickness: 0.12 mm. Nominal grammage: 110 g/m².

| Properties according to EN 13984:2013 | Value | Unit |
|---|--|-------------------|
| Fire resistance (paragraph 5.12 Reaction to fire) | Class F | None |
| Watertight (paragraph 5.5, EN 1928 - method A, requirement: watertight to 2 kPa) | Approved (= Watertight) | None |
| Water vapour resistance (paragraph 5.10, EN 1931 - Method B) | $3.1 \times 10^6 \pm 0.25 \times 10^6$ | s/m |
| | $4.3 \times 10^{11} \pm 0.34 \times 10^{11}$ | m2sPa/kg |
| | 84 ± 6,5 | m (sd-value) |
| | $6.8 \times 10^5 \pm 0.42 \times 10^5$ | μ-value |
| | $5.0 \times 10^{-9} \pm 0.37 \times 10^{-9}$ | kg/m2s |
| Impact resistance (paragraph 5.6, EN 12961 - method A, hard surface) | 400 | mm |
| Impact resistance (paragraph 5.6, EN 12961 - method B, soft surface) | 250 | mm |
| Durability, artificial aging, exposure to elevated temperature, water vapour resistance (paragraph 5.7.1, EN 1296, 12 weeks 70° C, evaluation as per EN 1931) | Approved | None |
| Alkali resistance (paragraph 5.7.2, EN 1847, liquid 2, 28 days 23° C, evaluation as per EN 12311-2 method B, rectangular test) | Approved | None |
| Tear strength, against nail, MD/TD (paragraph 5.8, EN 12310-1) | 80 / 80 | N |
| Tensile strength MD/TD (paragraph 5.11, EN12311-2:2010, method A) | 35.0 / 31.1 | N/mm ² |
| Elongation at break MD/TD (paragraph 5.11, EN12311-2:2010, method A) | 670 / 710 | % |
| MD = test made in machine direction, TD = test made in cross direction, as opposed to machine direction. | | |

The performance of the product is in conformity with the declared performance above. This declaration of performance issued under the sole responsibility of the manufacturer.

Signed on behalf of manufacturer

Höganäs 2018-02-20



Fredrik Zackow / Production manager