Declaration of Performance DAMP ECO

Declaration of Performance number:DAMP ECO 0,20

Product identification code: DAMP ECO 0,20mm

Construction product's intended use

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

Manufacturer

Sustinera AS
Øvre kluge 6
4334 Ålgård

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Home page: www.sustinera.no

Authorised representative

No representative has been appointed. Please contact manufacturer above.

System of assessment and verification of constancy of performance (AVCP): 3

Harmonised standard

Performance of the products above is declared according to the criteria set out in the harmonised standard EN 13984:2013, "Flexible sheets for waterproofing. Plastic and rubber vapour control layers", approved 2013-02-17.

Notified body

The notified body RISE - Research Institutes of Sweden, no. 0402, have issued an Initial type test summary for CE marking, no. 0402-CPR-SC0541-13, based on performed tests of the product's characteristic properties.

Declared performance

Performance valid for the products above is declared below. This DoP is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed by the manufacturer

Ålgård, NORWAY 2024-04-19

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Espen Øvstebø, Manager

A) **DAMP ECO 0,20**.

Properties according to EN 13984:2013	**Value**	**Unit**
Visible defects (5.2)	None	None
Nominal thickness, average (5.4)	0,200 ± 0,010	mm
Nominal basis weight, average (5.4)	180 ± 9	g/m^2
Watertight (paragraph 5.5, EN 1928 - method A, requirement: watertight to 2 kPa)	Approved (= Watertight)	None
Impact resistance (paragraph 5.6, EN 12691 - method A, hard surface)	≥ 4 out of 5 samples watertight after impact, drop height 270 mm	mm
Impact resistance (paragraph 5.6, EN 12691 - method B, soft surface)	≥ 4 out of 5 samples watertight after impact, drop height 135 mm	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)	≥ 60 / ≥ 60	N
Joint Strength (5.9)	No performance determined	None
Water vapour resistance (paragraph 5.10, EN 1931 - Method B)	$(5,2 \pm 0,32) \times 10^6$	s/m
	$(7,1 \pm 0,45) \times 10^{11}$	m^2sPa/kg
	138 ± 8,9	m (s_d-value)
	$(7,0 \pm 0,07) \times 10^5$	µ-value
	$(3,0 \pm 0,07) \times 10^{-9}$	kg/m^2s
Tensile strength MD/TD (paragraph 5.11, EN 12311-2:2010, method B)	≥ 16,9 / ≥ 16,6	N/mm^2
Elongation at break MD/TD (paragraph 5.11, EN 12311-2:2010, method B)	≥ 440 / ≥ 496	%
Fire resistance (paragraph 5.12 Reaction to fire)	NPD	None
Dangerous substances that may be released from the product (5.14)	None	None
MD = sample taken in the machine direction, TD = sample taken perpendicular to the machine direction.		