

BOOST'R 10

VAPOUR PERMEABLE WALL UNDERLAY

NEW EXTERNAL
MEMBRANE

Applications and benefits: Use in new build and refurbishment projects.

- Installation outside traditional thick insulation without an air gap and with no condensation risk
- Buildings with low and medium humidity
- Can be used in masonry and timber frame buildings
- Can be used in conjunction with other ACTIS products



Complies
with EN 13859-1
and EN 13859-2

PROPERTY	STANDARD	UNIT	VALUE	TOLERANCE	
Thickness	EN 823	mm	11.5	10	-
Surface weight	EN 1849-2	g/m ²	365	340	390
Length	EN 1848-2	m	33.33	33.33	-
Width		m	1.5	1.5	1.52
Straightness			Complies with standard	-	-
Tensile strength ⁽¹⁾:					
Maximum longitudinal force	EN 12311-1 adapted reference EN 13859-1	N/50 mm	275	240	310
Maximum transversal force		N/50 mm	175	140	210
Longitudinal elongation		%	13	11	16
Transversal elongation		%	14	12	17
Nail tear resistance ⁽¹⁾:					
Longitudinal	EN 12310-1 adapted reference EN 13859-1	N	170	150	280
Transversal		N	190	165	365
Water vapour permeability ⁽²⁾:					
WVTR	EN 12572 climate C	g/m ² .24h	300	245	-
Z		MN.s/g	0.4	-	0.48
Sd ⁽²⁾		m	0.082	-	0.10
Water tightness ⁽¹⁾	EN 1928	-	W1		
Air tightness (50 Pa pressure) ⁽¹⁾	EN 12114	m ³ /h.m ²	≤ 0.44	-	-
Flexibility at low temperature ⁽¹⁾	EN 1109	°C	-30	-	-
Fire rating ⁽¹⁾	EN 13501-1		Euroclass F		
External emissivity :					
Perforated reflective film on black layer	ASTM C 1371-04A	-	≤ 0.14	-	-
AFTER ARTIFICIAL AGING					
EN 1297 and EN 1296					
Tensile strength ⁽¹⁾:					
Maximum longitudinal force	EN 12311-1 adapted reference EN 13859-1	N/50 mm	Complies with standard		
Maximum transversal force		N/50 mm			
Longitudinal elongation		%			
Transversal elongation		%			
Water tightness ⁽¹⁾	EN 1928	-	W1		

⁽¹⁾ Tests carried out by VTT: Technical Research Centre of Finland

⁽²⁾ Tests carried out by FIW: FORSCHUNGSINSTITUT FÜR WÄRMESCHUTZ E.V. MÜNCHEN

ADDITIONAL PROPERTIES TO CE MARKING					
Thermal resistance with $\Delta T=20^{\circ}C^{(1)}$	EN 12667	m ² K/W	0.303	-	-
Thermal conductivity ⁽¹⁾	EN 12667	W/m.K	0.0379	-	-
Number of components	3				
Composition	Reflective vapour permeable membrane + wadding + perforated reflective film				
Assembly	Continuous thermal welding 30mm from each edge + discontinuous glue strips in the centre				
Traceability	Printed on the product				
Area per roll (m ²)	-	m ²	50	0	-
Weight per roll	-	kg	Approx. 15	-	-
Palletization		Rolls	9	-	-

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