

Declaration of Performance

Document number: PVB/APEX/001

Product Identification:	Permavent APeX: Air Permeable Extra, 180g/m ²
Intended Use of the Product:	Air Permeable flexible sheet for water proofing, underlay for discontinuous roofing and walls. <i>(The product must be installed in accordance with manufacturer's instructions.)</i>
Manufacturer:	XXXXXXXXXXXXXXXXXXXXX*
Authorised Representative:	Permavent Ltd. 11 Cumberland Drive, Granby Industrial Estate, Weymouth Dorset. DT4 9TB
System of AVCP:	System 3
Notified Body:	KIWA TBU (No. 0799) HOCH (No. 1508)
Harmonised Standards:	EN 13859-1:2010 "Flexible products for Watertightness. Definitions and characteristics of underlays- Part 1: Underlays for discontinuous roofing" EN 13859-2:2010 "Flexible products for Watertightness. Definitions and characteristics of underlays- Part 2: Underlays for walls" EN 12311-1:2000 "Flexible sheets for Waterproofing. Determination of tensile properties" EN 12310-1:2000 "Flexible products for Waterproofing. Determination of resistance to tearing" EN 12114:2000 "Air permeability of building components and building elements." EN 13501-1:2007 "Fire classification of construction products and building elements"

Declared Performance:

Essential Characteristics	Performance	Harmonised Technical Specification
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Reaction to fire	Class: E	EN 13501-1:2007 EN 13859-1:2010 EN 13859-2:2010 EN 12311-1:2000 EN 12310-1:2000
Resistance to water penetration	Class: W1	
Maximum tensile strength (MD)	358 [N/50mm] (+/- 50 N)	
Maximum tensile strength (CD)	304 [N/50mm] (+/- 50 N)	
Elongation (MD)	69.5% (+/- 50 %)	
Elongation (CD)	71.9% (+/- 50 %)	
Resistance to tearing (nail shank) (MD)	214 [N] (+/- 50 N)	
Resistance to tearing (nail shank) (CD)	218 [N] (+/- 50 N)	
Flexibility at low temperature	-40 °C	
Artificial ageing		
Resistance to water penetration	Class: W1	
Maximum tensile strength (MD)	308 [N/50mm] (+/- 50 N)	
Maximum tensile strength (CD)	259 [N/50mm] (+/- 50 N)	
Elongation (MD)	43.8% (+/- 50 %)	
Elongation (CD)	51.9% (+/- 50 %)	
Technical Parameters		
Mass per unit area	180 g/m ² (+/- 10 %)	
Water vapour transmission properties	0,01 Sd [m] (+/- 0,05 m)	
Air Permeability	48.80 [m ³ /(m ² h50Pa)] (+/- 20 %)	EN 12114: 2000

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

Signed for and on behalf of: Permavent Ltd.
Place of issue: Weymouth, UK.
Date of issue: 08.05.18
Name: Timofei Yeremeyev
Position: Co-Director
Signature: 