

## Declaration of Performance

Document number: PVB/SKYTECH/001

**Product Identification:** SKYTECH PRO XL, 1200g/m<sup>2</sup>

**Intended Use of the Product:** Insulation – Roof and wall underlayment.  
*(The product must be installed in accordance with manufacturer's instructions.)*

**Manufacturer:** XXXXXXXXXXXXXXXXXXXX\*

**Authorised Representative:** Permavent Ltd. 11 Cumberland Drive, Granby Industrial Estate, Weymouth Dorset. DT4 9TB

**System of AVCP:** System 3

**Notified Body:** CSTB (No. 0679)  
LNE (No. 0071)  
TSUS (No. 1301)

**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 16012:2012 "Thermal insulation for buildings. Reflective insulation products. Determination of the declared thermal performance"

### Declared Performance:

Essential Characteristics	Performance	Harmonised Technical Specification
Reaction to fire	Class: A2 – s1, d0	EN 13859-1:2010 EN 13859-2:2010 EN 16012:2012
Resistance to water penetration	Class: W1	
Maximum tensile strength - along	630 N/50mm [±70]	
Maximum tensile strength - across	630 N/50mm [±70]	

Elongation - along	6% [ $\pm 2\%$ ]
Elongation - across	4% [ $\pm 2\%$ ]
Resistance to tearing (nail shank) - along	275 N [ $\pm 50$ ]
Resistance to tearing (nail shank) - across	280 N [ $\pm 50$ ]
Flexibility at low temperature	-36°C
<b>Artificial ageing</b>	
Resistance to water penetration	Class: W1
Maximum tensile strength - along	630 N/50mm [ $\pm 70$ ]
Maximum tensile strength - across	630 N/50mm [ $\pm 70$ ]
Elongation - along	6% [ $\pm 2\%$ ]
Elongation - across	4% [ $\pm 2\%$ ]
<b>Technical Parameters</b>	
Mass per unit area	1240 g/m <sup>2</sup>
Water vapour transmission properties	0.05 Sd [m] [ $\pm 0.01$ ]
Thermal conductivity	$\lambda = 0.029$ W / m K
Emissivity	0.05
Reflection	95%
Thermal resistance of the process	1.7 m <sup>2</sup> .K R/W

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:** 11.05.18  
**Name:** Timofei Yeremeyev  
**Position:** Director  
**Signature:**

