

Boost'^R Hybrid Roof

REFLECTIVE INSULATING
BREATHER MEMBRANE

ROOFS



USE ON THE
COLD SIDE OF
THE BUILDING
FABRIC IN ROOFS



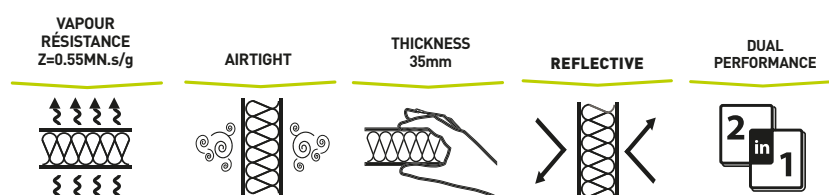
COMPLIES WITH
EN 13859-1 AND
EN 13859-2

ACTIS

TOMORROW'S INSULATION TODAY

Boost[®] Hybrid Roof is a multifoil insulation product with a built-in breather membrane function and an exceptional thermal performance.

Boost[®] Hybrid Roof provides dual properties within a single product: a breathable membrane and insulation, allowing a reduction in the number of installation steps whilst reducing the thickness of the main insulation to achieve the same required U-Value. It can be used in conjunction with any type of insulation.



PROPERTY

Area : **15 m²**
 Width : **1.5 m**
 Length : **10 m**
 Weight/m² : **650 g / m² (+/- 5%)**
 Thickness : **35 mm (+/- 5 mm)**

R=2.1*
 m².K/W

* EN 16012 with 2 air voids and horizontal heat flow

PRODUCT

DECLARED THERMAL PERFORMANCE (INNER/OUTER SIDE)

R Value + 2 air cavities after ageing	Horizontal Heat Flow 2.10m ² .K/W	EN 16012
Core R-Value	1.35 m ² .K/W	
Declared Emissivity after ageing	0.05 / 0.9	

TENSILE STRENGTH

Longitudinal direction	> 300 N / 50 mm	EN 12311-1 & EN 13859-1/2 Annex A
Transversal direction	> 150 N / 50 mm	
Elongation (Longitudinal)	> 20%	
Elongation (Transversal)	> 10%	

RESISTANCE TO TEARING, NAIL SHANK

Longitudinal direction	> 150 N	EN 12310-1 & EN13859-1/2
Transversal direction	> 150 N	Annex B

WATER VAPOUR TRANSMISSION

Vapour Resistance (Z)	0.55 MNs/g	EN 12572 set C
Vapour Resistance of external layer	0.25 MNs/g	
Diffusion eq.air layer thickness (Sd)	≤ 0.11m	

WATERTIGHTNESS	Watertight, W1	EN 1928 Method A
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AIR PERMEABILITY	< 0.030 m ³ / (m ² x h x 50 Pa)	EN 12114
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FLEXIBILITY AT LOW TEMP	-30/30 °C / ø30mm	EN 1109
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DIMENSIONAL STABILITY	+80°C/6H < 1%	EN 1107
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REACTION TO FIRE	NPD (No Performance Determined)	
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WIND UPLIFT RESISTANCE	Suitable for all wind zones (1-5) throughout the UK	BS5534
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ACTIS

TOMORROW'S INSULATION TODAY

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