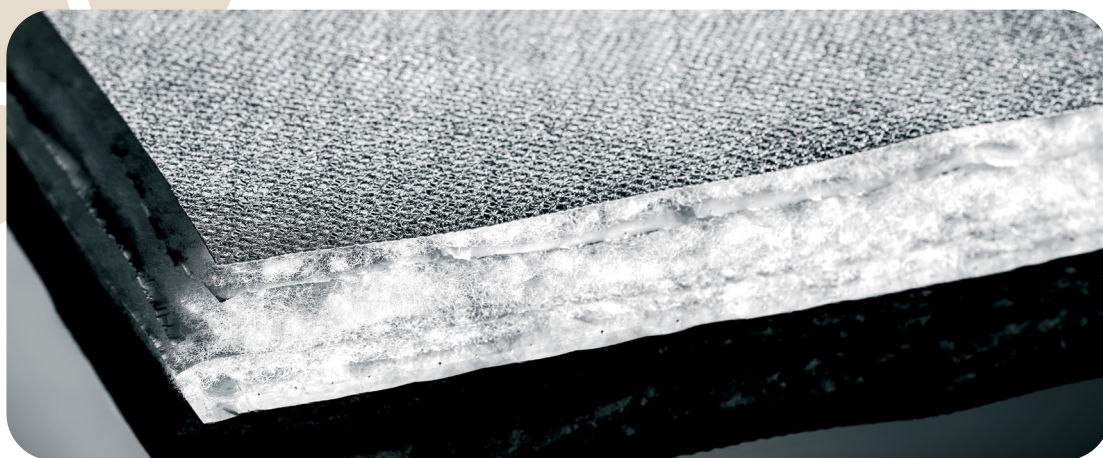


Boost[®] Hybrid



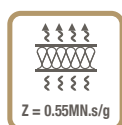
Use on the cold side of the building fabric in roofs, walls and suspended timber floors.

BOOST[®] HYBRID is a thin multifoil insulation product with a built-in breather membrane function and an exceptional thermal performance.

BOOST[®] HYBRID 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.



FLEXIBLE



VAPOUR RESISTANCE



2 AIR VOIDS OF 20MM



35MM +/-5MM



AIRTIGHT



LIGHT



AREA



SPACE SAVING



NO IRRITATING FIBRES

**UK
CA**

CE
COMPLIES WITH
EN 13859-1 AND
EN 13859-2

LABC
CPD Partner
2023/24

PROPERTY	TEST METHOD	DECLARED VALUE
Thickness	EN 1849-2 under 50 Pa load	35mm +/- 5mm
Weight/m ²	EN 1849-2	650 g/m ²
Length	EN 1848-2	10.67m
Width		1.5m
DECLARED THERMAL PERFORMANCE (INNER/OUTER SIDE)		
R Value of BOOST [®] HYBRID + 2 air cavities after ageing	EN 16012	Horizontal Heat Flow 2.40 m²K/W Upward Vertical Heat Flow 2.10 m²K/W
Core R-Value		1.35 m²K/W
Declared Emissivity (inner/outer side) after ageing		0.05 / 0.31
TENSILE STRENGTH		
Longitudinal direction	EN 12311-1 & EN 13859-1/2 Annex A	>300 N/50mm
Transversal direction		>150 N/50mm
Elongation (Longitudinal)		>15%
Elongation (Transversal)		>10%
RESISTANCE TO TEARING, NAIL SHANK		
Longitudinal direction	EN 12310-1 & EN 13859-1/2 Annex B	>150 N
Transversal direction		>150 N
WATER VAPOUR TRANSMISSION		
Vapour Resistance (Z)	EN 12572 set C	0,55 MNs/g
Vapour Resistance of external layer		0,25 MNs/g
Diffusion eq.air layer thickness (Sd)		≤ 0,11m
WATERTIGHTNESS	EN 1928 Method A	Watertight, W1
AIR PERMEABILITY	EN 12114	< 0.030 m ³ /(m ² x h x 50Pa)
FLEXIBILITY AT LOW TEMP	EN 1109	-30/30 °C/ ø30mm
DIMENSIONAL STABILITY	EN 1107	+80°C/6h < 1%
REACTION TO FIRE	NPD (No Performance Determined)	
WIND UPLIFT RESISTANCE	BS5534	Suitable for all wind zones (1-5) throughout the UK