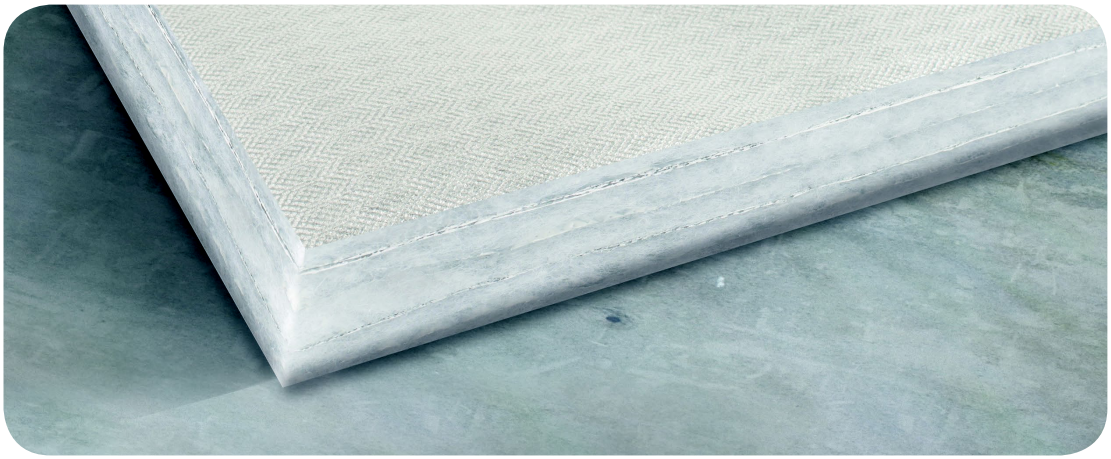
# Boost'R Hybrid



WALLS

ROOFS

Use on the cold side of the building fabric in roofs and walls.

**BOOST'R HYBRID is a thin multifoil insulation product with a built-in breather membrane function and an exceptional thermal performance.**

BOOST'R 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.

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

Z = 0.55MN.s/g
VAPOUR RESISTANCE

R=2.4 m².K/W
2 AIR VOIDS OF 20MM

35MM +/-5MM

AIRTIGHT

LIGHT

10M²
AREA

SPACE SAVING

2 in 1
DUAL PERFORMANCE

registered details LABC

LABSS Registered Details

| PROPERTY | TEST METHOD | DECLARED VALUE |
|---|---|---|
| Thickness | EN 1849-2 under 50 Pa load | **35mm** +/- **5mm** |
| Weight/m² | EN 1849-2 | 650 g/m² |
| Length | EN 1848-2 | 6.7m |
| Width | | 1.5m |
| **DECLARED THERMAL PERFORMANCE (INNER/OUTER SIDE)** | | |
| R Value of BOOST'R HYBRID + 2 air cavities after ageing | EN 16012 | Horizontal Heat Flow **2.40m².K/W** Upward Vertical Heat Flow **2.10m².K/W** |
| Core R-Value | | **1.35 m².K/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 | | >200 N/50mm |
| Elongation (Longitudinal) | | >20% |
| 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 m³/(m² 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) | |