



INSULATION
FOR ROOFS



Boost'R Hybrid Roof

REFLECTIVE INSULATING BREATHER MEMBRANE



ACTIS

BOOST'R HYBRID ROOF is a multifoil insulation product with a built-in breather membrane function, offering dual features within a single product and providing an exceptional thermal performance.



This product is a variant of **BOOST'R HYBRID** but has been specifically designed for use on roofs. The water vapour permeable roofing underlay also acts as a wind barrier and has been created with a built-in self-adhesive lap, facilitating the sealing of joints between adjacent sheets. It is quick and easy to install, does not compact over time and can be used in conjunction with any type of insulation. Use on the cold side of the building fabric in roofs and suspended timber floors.

THERMAL RESISTANCE

R Value = 2.15 m²K/W*

* EN 16012 with 2 air voids and horizontal heat flow.

OUR PRODUCT PROMISE

You can trust that every product in our range will meet the highest standards of performance, sustainability, and ease of use, significantly reducing installation time. Here's our commitment to you:

Exceptional performance

Combining advanced technologies and reflective properties, our products achieve exceptional thermal performance, providing both summer comfort and winter warmth. When installed as a system, they ensure airtightness and a reduction in thermal bridging for a more energy-efficient environment.

Sustainable

We are committed to minimising our environmental impact. So our products are made with 100% recyclable components and generate minimal waste during installation.

As part of our ongoing commitment, we continuously explore new technologies that enhance the sustainability of our operations.

Flexible

Our products are flexible to fit and require no precise cutting, allowing for quick and easy installation, even in challenging spaces.

Durable

Built to last, our products outperform alternatives in durability. They are rot-proof, and engineered to withstand the toughest conditions, providing long-lasting reliability and peace of mind.

Lightweight

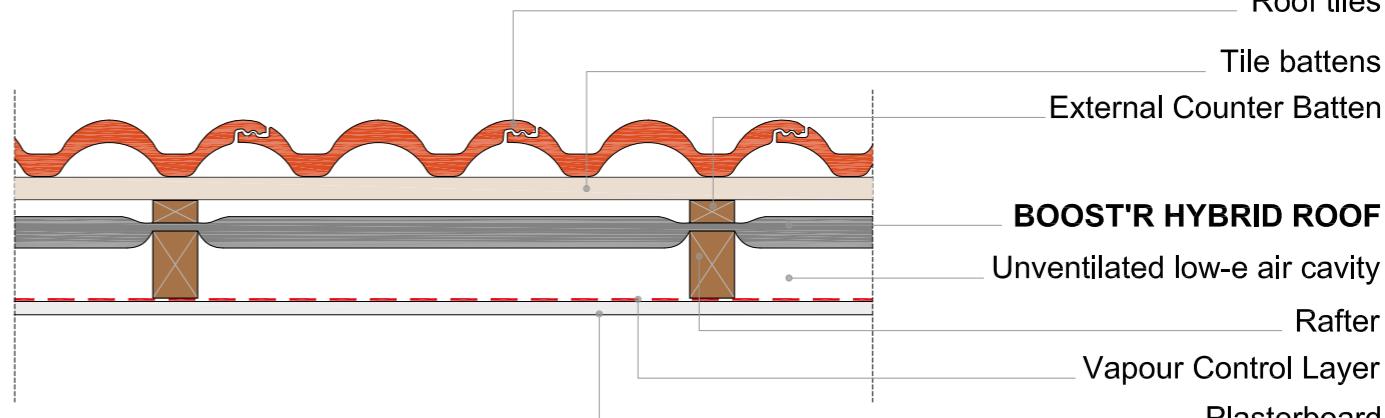
All our products are incredibly lightweight, making them easy to handle and install without compromising performance.

Clean & fibre-free

Your safety is our priority. So our products include no harmful chemicals and no irritating fibres, making them safer to use. Rated A+ for indoor air quality, installation is clean and hassle-free, with no need for respiratory protection.

TIMBER PITCHED ROOF

Boost'R Hybrid Roof

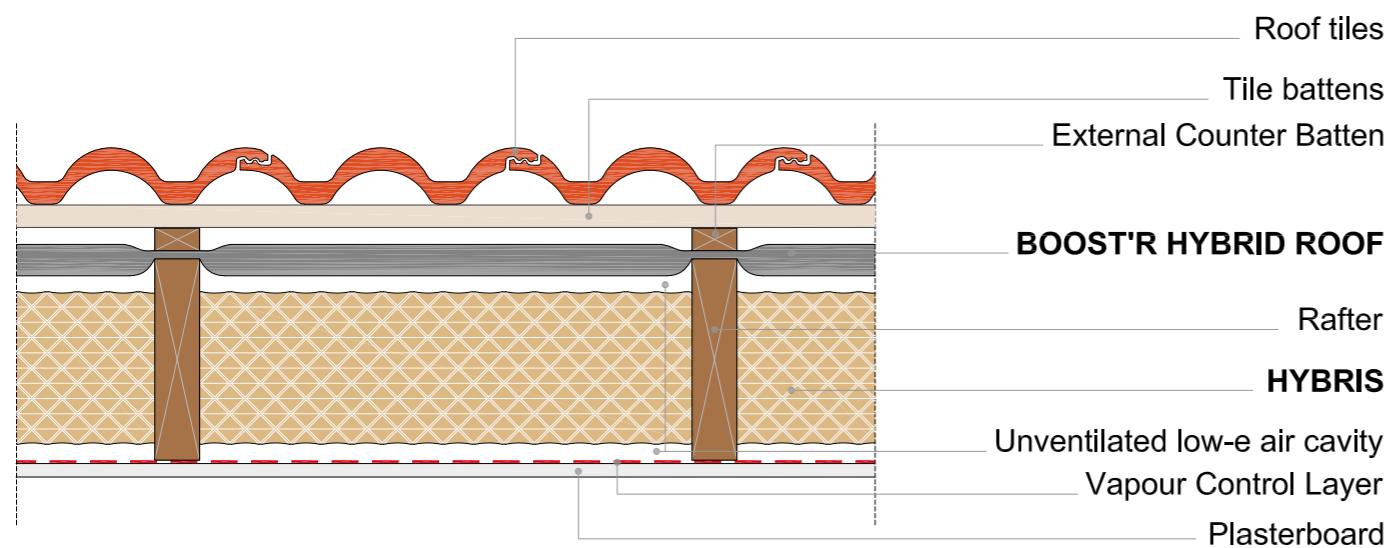


Boost'R Hybrid Roof as a substitute for Roof Underlay.



TIMBER PITCHED ROOF

Boost'R Hybrid Roof + Hybris



Boost'R Hybrid Roof as a substitute for roof underlay and Hybris in between rafters.

Centers	Rafter size (mm)	Boost'R Hybrid Roof	Hybris thickness (mm)	External counter batten	Reference:
U - Value = 0.16 W/m²K					
600	200	yes	155	25 x 25	PF277
400	225	yes	170	25 x 25	PF283
U - Value = 0.15 W/m²K					
600	225	yes	170	25 x 25	PF278
400	250	yes	185	25 x 25	TE4184

Table 01: Boost'R Hybrid Roof Solutions with Hybris between rafters.

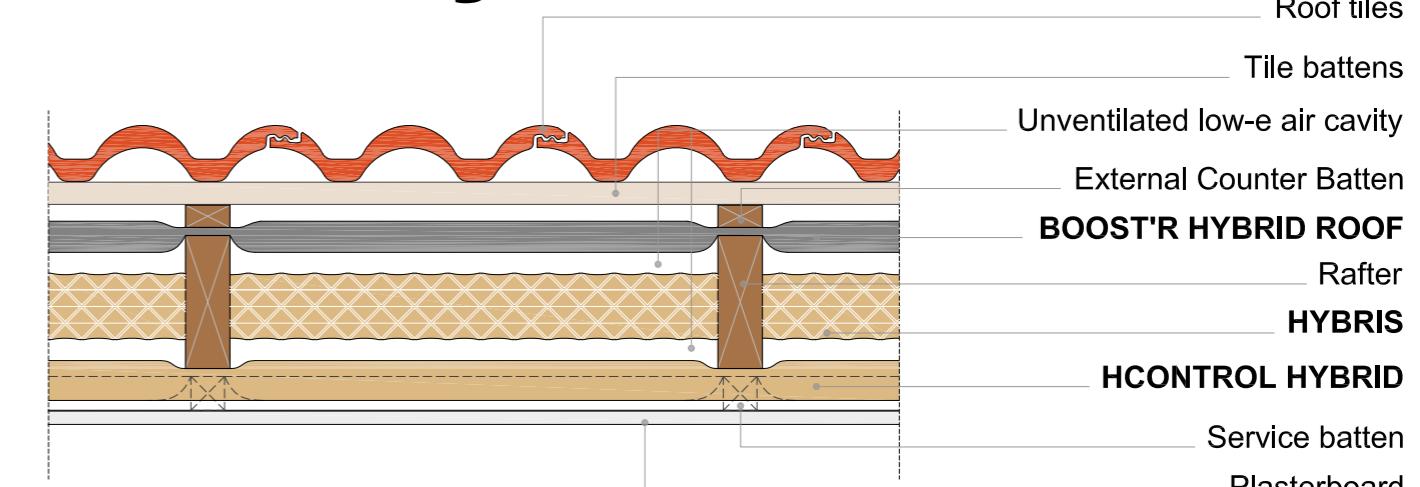


FOR MORE SOLUTIONS,
PLEASE CONTACT
THE ACTIS TEAM ON
01249 462 888 OR VISIT
OUR U-VALUE SIMULATOR



TIMBER PITCHED ROOF

Boost'R Hybrid Roof + Hybris + HControl Hybrid



Boost'R Hybrid Roof as a substitute for roof underlay, Hybris in between rafters and HControl Hybrid as a substitute for vapour control layer.

Centers	Rafter size (mm)	Boost'R Hybrid Roof	Hybris thickness (mm)	HControl Hybrid	External counter batten	Service batten	Reference:
U - Value = 0.16 W/m²K							
600	150	yes	75	yes	25 x 25	38 x 38	PF271
400	150	yes	90	yes	25 x 25	38 x 38	PF281
U - Value = 0.15 W/m²K							
600	150	yes	90	yes	25 x 25	38 x 38	PF200
400	175	yes	105	yes	25 x 25	38 x 38	TE4207

Table 02: Boost'R Hybrid Roof Solutions, Hybris between rafters and HControl Hybrid as vapour control layer.

Centers	Rafter size (mm)	Boost'R Hybrid Roof	Hybris thickness (mm)	HControl Hybrid	Counter batten	Service batten	Reference:
U - Value = 0.11 W/m²K (notional)							
600	250	yes	185	yes	25 x 25	38 x 38	PF273
U - Value = 0.3 W/m²K (threshold=0.35)							
400	100	yes	50	-	25 x 25	-	PF284

Table 03: Additional Boost'R Hybrid Roof Solutions achieving Notional and Threshold U-values.

Building regulations

Building Regulations require thermal elements within a building envelope to meet certain U-values. The target U-value depends on type of element, use of building and whether it is a new or an existing construction.

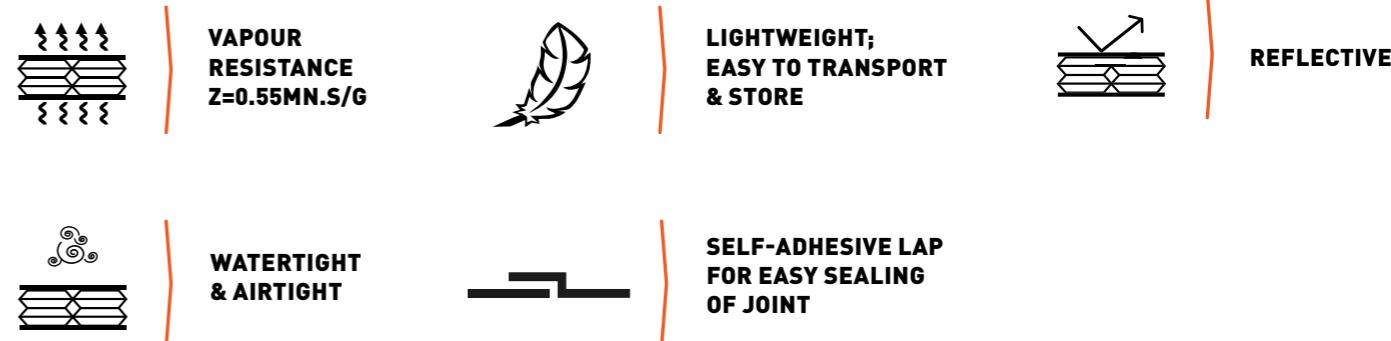
England, Wales and Scotland are now each responsible for their own Building Regulations and target U-values can therefore differ throughout the UK. If required this information can be confirmed with your local Building Control.

TECHNICAL SPECIFICATION

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	10m
Width		1.5m
DECLARED THERMAL PERFORMANCE (INNER/OUTER SIDE)		
R-Value of BOOST'R HYBRID ROOF + 2 air cavities after ageing	EN 16012	Horizontal Heat Flow 2.15 m ² K/W
Core R-Value		1.35 m ² K/W
Declared Emissivity (inner/outer side) after ageing		0.05 / 0.9
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
REACTION TO FIRE		
Overall product	EN 13501-1	NPD
Breather membrane layer (External)		Class E
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%
WIND UPLIFT RESISTANCE	BS5534	Suitable for all wind zones (1-5) throughout the UK

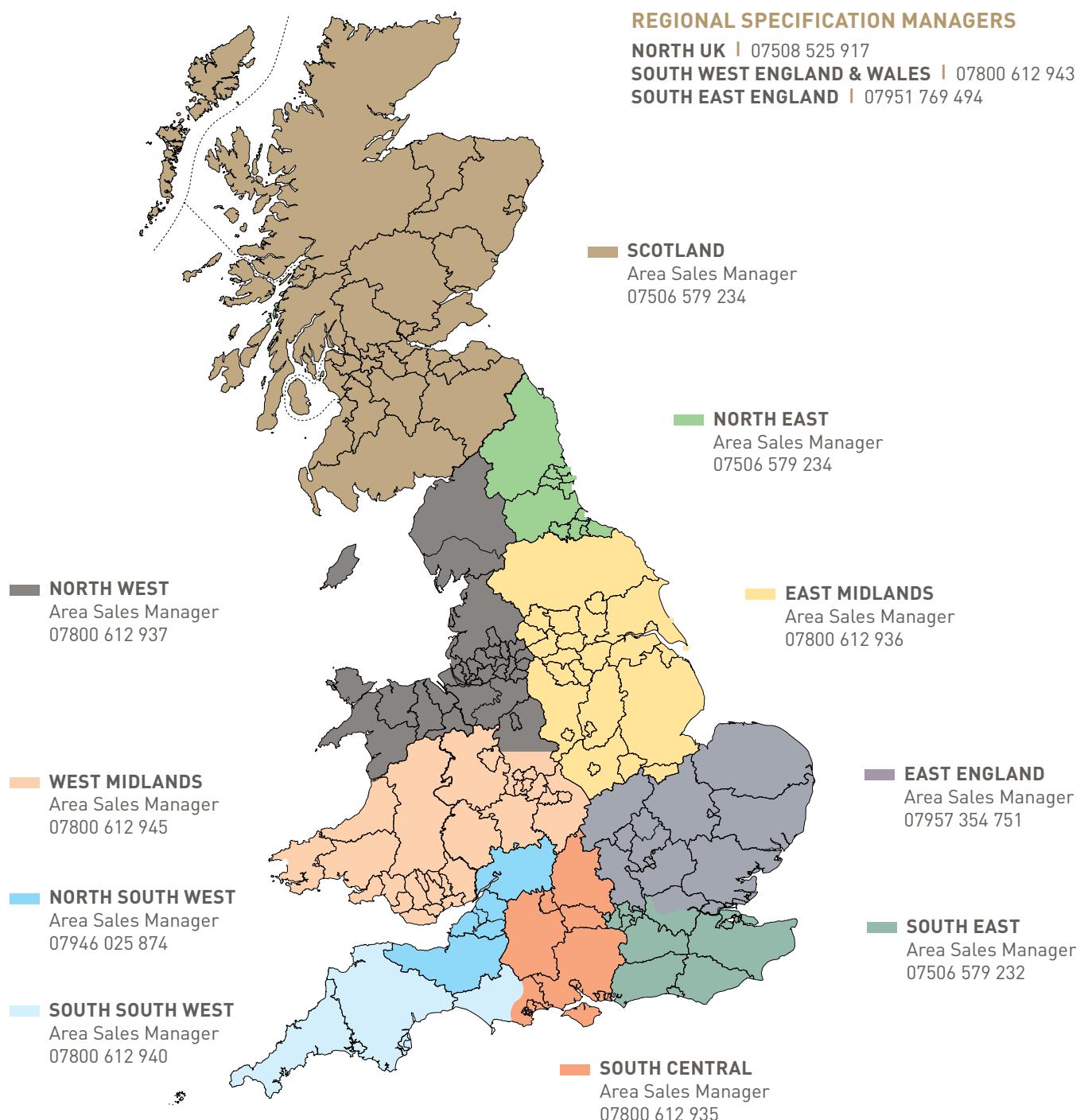
PRODUCT SPECIFIC BENEFITS

Boost'R Hybrid Roof



Fire safety precautions and limitations of use apply to ACTIS products. Please refer to product installation guidelines, fire safety information document and Building Regulation and industry guidance. England, Wales and Scotland are now each responsible for their own Building Regulations

YOUR CONTACTS FOR MORE INFORMATION



ACTIS

ACTIS INSULATION LTD.

Unit 2a Cornbrash Park - Bumpers Way, Bumpers Farm Industrial Estate - Chippenham, Wiltshire - SN14 6RA

Tel. +44 (0) 1249 462 888, Email. solutions@insulation-actis.com

www.insulation-actis.com

