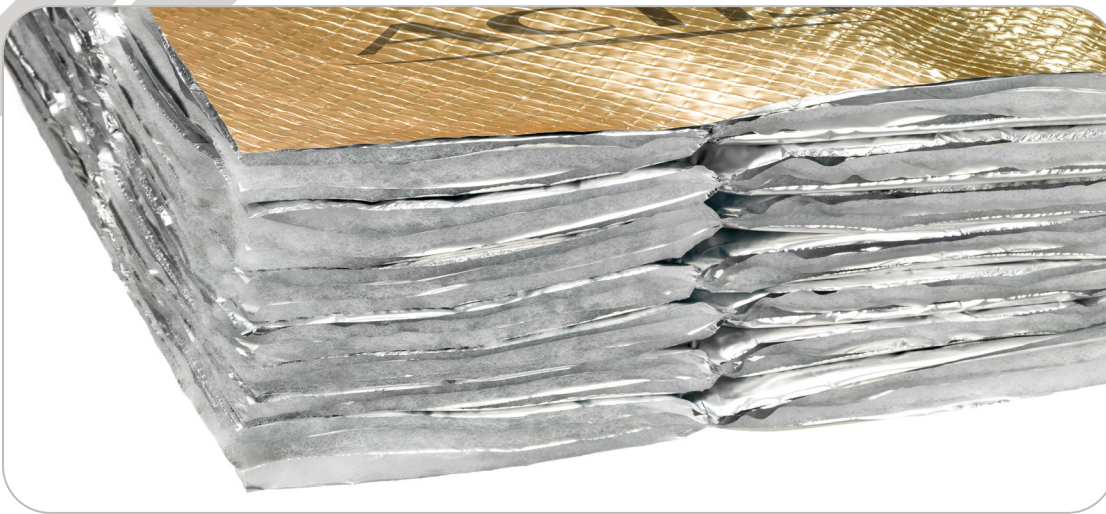


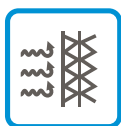
Eolis HC



Use on the warm side of any insulation material, behind the internal finish in roofs.

EOLIS HC is a reflective insulation product with vapour control function for use on the warm side of thermal elements, behind the internal finish.

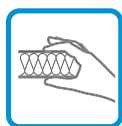
Eolis HC can be installed as a system solution together with insulated plasterboard within existing roofs with shallow rafters and sarking felt (non-breathable).



VAPOUR BARRIER



WITH 2 AIR VOIDS, HHF



135MM +/-5MM



AIRTIGHT

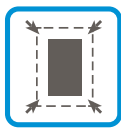


LIGHTWEIGHT



12M²

AREA



SPACE SAVING



DUAL PERFORMANCE

PROPERTY	TEST METHOD	DECLARED VALUE
Thickness	EN 823 @3Pa load	135mm +/- 5mm
Compressed product thickness	EN 823 @20kPa load	4mm
Weight	EN 1602	8.5 kg/m ³
Length	EN 822	8m
Width (triplex + lap)		1.5m + 0.1 m
DECLARED THERMAL PERFORMANCE		
Core thermal resistance	EN 16012	4.35m²K/W
Thermal resistance of product + 2 air cavities		horizontal heat flow 5.67m²K/W upward vertical heat flow 5.25m²K/W
Thermal resistance of compressed product		0.13m²K/W
Emissivity		e=0.05
TENSILE STRENGTH		
Longitudinal direction	EN 12311-2 & EN 13859-1 Annex C	>250 N/50mm
Transversal direction		>150 N/50mm
RESISTANCE TO TEARING, NAIL SHANK		
Longitudinal direction	EN12310-1 & EN 13589-1 Annex B	>150 N
Transversal direction		
PEEL STRENGTH OF TAPE	EN 11339	>20 N
WATER VAPOUR TRANSMISSION		
Diffusion eq.air layer thickness (Sd)	EN 1931	>120m
Vapour resistance (Z)		>600MN/g
WATERTIGHTNESS	EN 13859-1	Watertight
AIR PERMEABILITY	EN 12114	Airtight
REACTION TO FIRE	EN 13501-1	Class F
DURABILITY	EN 13984	Test successful
HEAT CAPACITY		1580 J/kg.K
AIR QUALITY CLASSIFICATION		A+

