

- Completely fire proof
- Excellent insulation properties R 1.7
- Breathable
- Airtight
- Waterproof
- Sound resistant

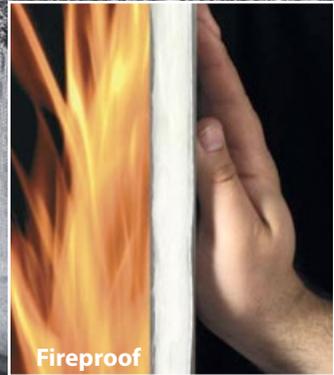
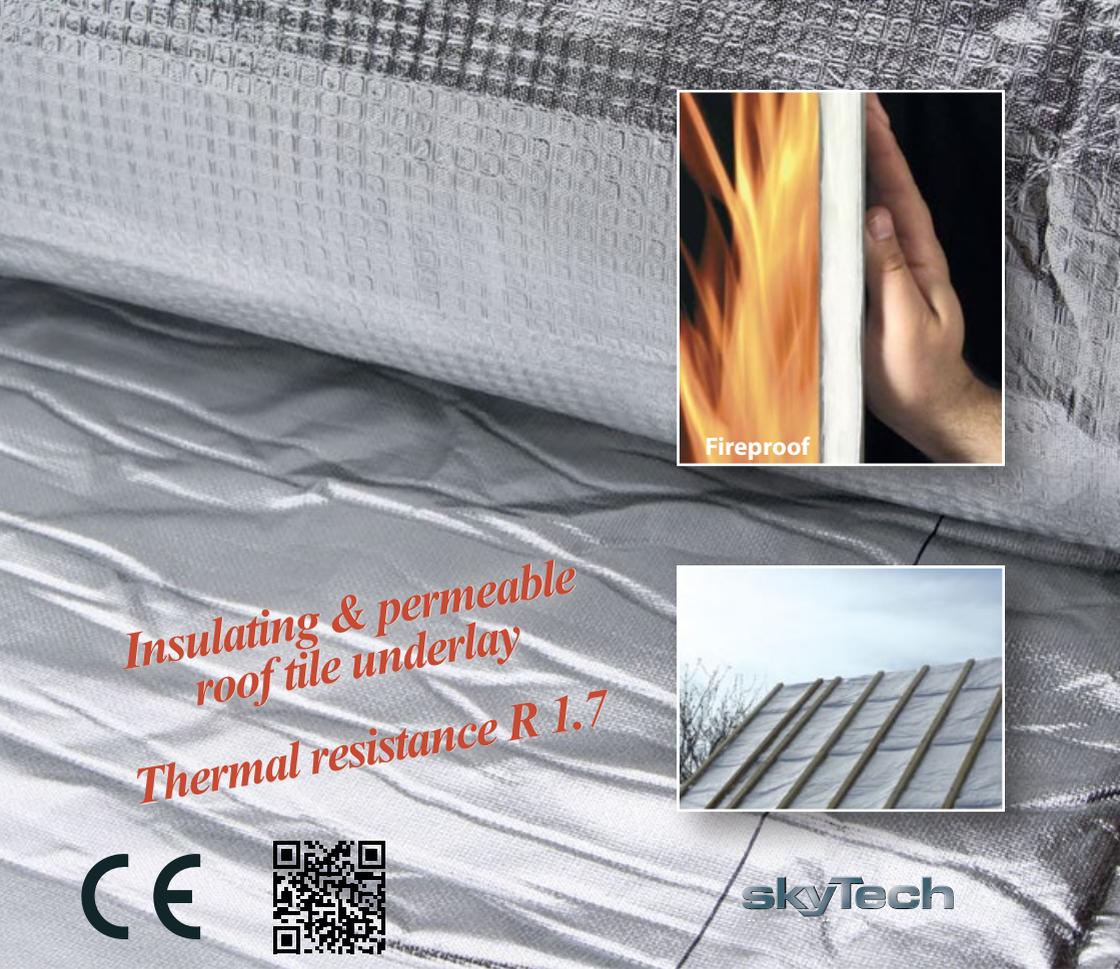
For use as:

- Insulating & breathable roofing underlay
- Fire protection layer
- Room in the roof lining
- House wrap
- Insulation
- Separation layer
- Compartmentalisation

1200g



FOL



*Insulating & permeable
roof tile underlay*

Thermal resistance R 1.7



skyTech

FOL

	fully tested to	BS EN 13050
Weight, g/m ²		1200
Thickness, mm		10
Roll weight, kg		22
Roll diameter, mm		420
Fire rating Euroclass A2-s1,d0	BS EN 13501	non combustible M0
Water vapour permeability Sd, m	BS EN 13859	0.05
Nail tear resistance R3, kg	BS EN 13859	28.4
Waterproofing, class	BS EN 13859	w1
Sound reduction Rw, dB	BS EN 717-1	41 in situ
Emissivity	BS EN 16012:2012	0.05
Reflectivity	BS EN 16012:2012	95
Core resistance	BS EN 16012:2012	R 0.47
Thermal conductivity	BS EN 16012:2012	0.0278
Overall resistance in situ	BS EN 16012:2012	R 1.7



Permafol is an extremely high performance and versatile construction membrane with many unique properties that offer an 'all in one' solution for construction. Permafol is ideal as a roofing membrane because it offers a waterproof and breathable layer with excellent thermal, soundproof and airtight properties as well as being completely fireproof.

The unique properties of Permafol make it the perfect solution for thatched and listed buildings by offering complete fire protection, a substantial level of insulation, increased soundproofing and a high level of breathability that will maintain the integrity of the building.



Permafol is also the ideal solution as wall insulation and for use as a house wrap such as with Timber frame buildings. When tested in the cavity, Permafol had the same thermal behaviour as 240mm of mineral wool as well as offering an airtight solution. Because Permafol is breathable then it will not trap moisture behind it that can rot the timber. Permafol is also fire proof and will stop the spread of fire in all buildings. The density and integrity of Permafol will also reduce the noise transmission between properties. This high density will retain energy thus stabilising the temperature at either side thus improving its efficiency. The thermal mass of Permafol greatly reduces the risk of a thermal bridge (especially in roofing) that many foil insulations can be adversely affected by.



The quick and easy installation of 'all in one' Permafol offers a considerable labour saving against the multiple and complicated installation when cutting and fitting rigid and multi component products.

