

skyTech[®]

Non Combustible Reflective Insulation
Breathable Roof Underlayment



INSULATION

WATERPROOF

A product

WINCO technologies



1 product - 2 functions

SKYTECH has two functions :

• Non Combustible Reflective Insulation

in winter : because of its very low emissivity and high reflectivity, Skytech stops the outside cold and reflect the heat of rooms back inside : Reduce your Energy Consumption.

in summer : reflect solar radiation back outside to prevent overheating of attic rooms : increase your house comfort and reduce your air conditioning consumption.

• Breathable Roof Underlayment

Skytech provides top level performances of a Roof Underlayment :

- protects from water, snow, dust and soot infiltration.
- reconduct infiltrated water to gutter.
- Eliminates condensation risk : protects roof structure.
- Prevent the upheaval of the roof elements under the wind effect by counterbalancing pressures.
- Protects your roof structure from wild fires as it is non combustible
 - Heat radiation resistance : 1,800°F
 - Direct contact with flame : 1,600°F



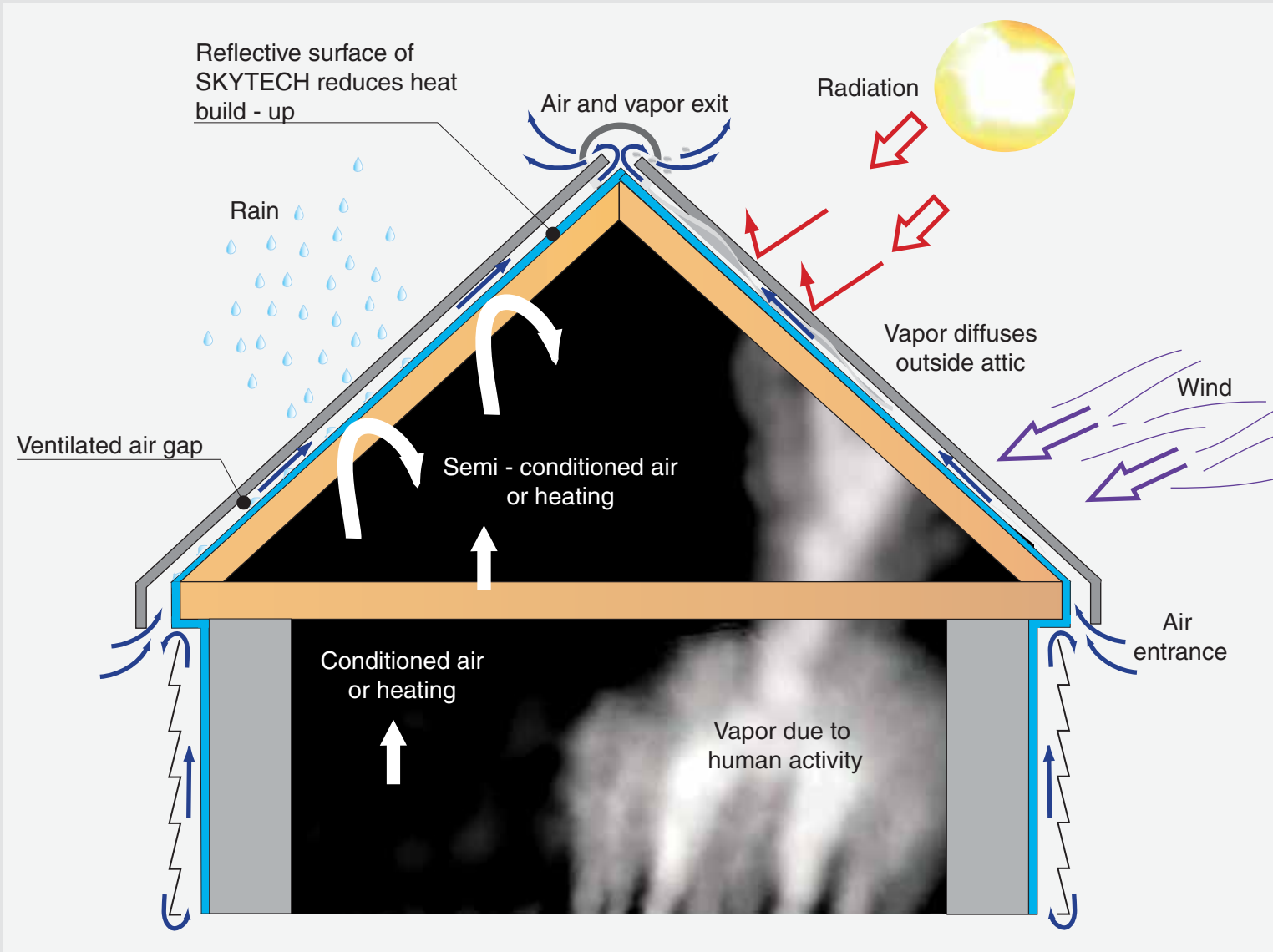
The highest level of performance in :



- Energy saving – – – – –> **Reflective Insulation**
(highly reflective on 2 facings) (Lambda : 0,036 W/m²K)
- High Vapor Permeability (no condensation) – – – – –> **HVP***
(3.93.10⁻⁹kg/m².s.Pa = 68 perms)
- No leakage under 8 inches of water – – – – –> **Waterproof**
- Very high breaking strength – – – – –> **Tear Proof**
(over 50 lbs)
- Fire protection - Euroclass A2-s1,d0 – – – – –> **NON COMBUSTIBLE**

* High Vapor Permeability

Benefits of breathable insulation SKYTECH



Because SKYTECH is breathable, it can be used to seal your attic in order to obtain an excellent insulation level without the risk of condensation.

→ **SKYTECH gives you all the advantages of a top quality roof underlayment.**

As SKYTECH is also highly reflective on both sides, it helps to reduce overheating in attic rooms during the summer and it reflects the heat of rooms back inside in the winter.

→ **SKYTECH helps to reduce energy consumption and contributes to the protection of nature.**



WINCO

technologies

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Product :	
Composition	<ul style="list-style-type: none">- Reinforced membrane by a micro perforated aluminised fabric- Continuous glass filaments in blanket form- Inside breathable micro perforated aluminium foil
Thickness	0.315 inch
Surface per roll	3.94 ft x 60.17 ft (237 Sq ft)
Weight	3.8 Oz/Sq ft
Packaging	6 rolls / boxe - 2 boxes / pallet
Weight of a roll	55 Lb
Roll diameter	16.54 inches
Physical properties :	
Emissivity	5 %
Thermal conductivity	0,036 W/m°K
Mechanical properties :	
Fire rating	Euroclass A2-s1,d0 (non combustible)
Water vapour transmission	$3.93 \cdot 10^{-9} \text{ kg/m}^2 \cdot \text{s} \cdot \text{Pa} = 68 \text{ perms}$
Resistance to water infiltration	W1 (waterproof)
Tear strength	over 50 Lbs
Distance between rafters	35 inches maximum
Accessories :	
Adhesive aluminium tape	REFLEXBOND 4 inches
Non combustible glue	THERMAFIX

fire
non combustible



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