

BreatherQuilt

Breathable multi-layer insulation for pitched roofs

YBS BreatherQuilt is the **Highest Performing** Agrément Certified Breathable roofing membrane and Multi-layer insulation blanket available on the market.

- ✓ 2 in 1 Insulating & Breathable Roofing Membrane
- ✓ Maintains Thermal Performance & Product Integrity
- ✓ UK Manufactured
- ✓ Building Control Compliant
- ✓ Fully Agrément Certified



No Condensation
Eliminates the risk of any condensation



Quick & Easy
Project completion time improved



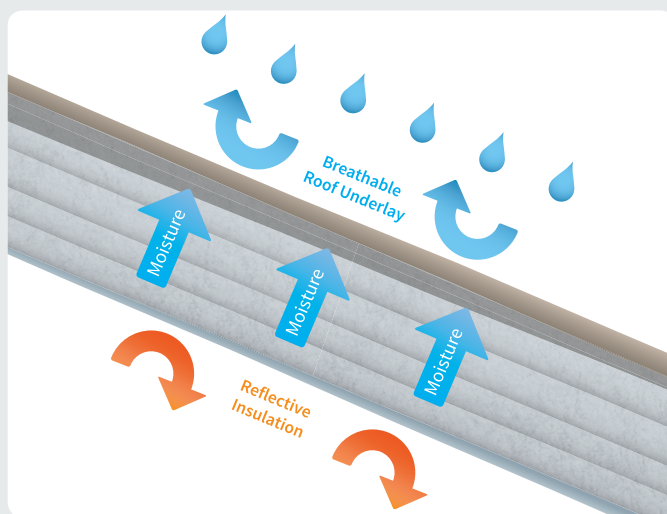
Reduced Waste
Less cutting of material



Dual Use
2 in 1 insulating & breather membrane

BreatherQuilt

What it does



9 Increasing the thermal performance, removing the risk of condensation and need to install a vapour control layer

8 BreatherQuilt is airtight, waterproof, breathable and reflects radiant heat

7 To combat this YBS Insulation have designed BreatherQuilt a 2 in 1 insulating breather membrane

6 This means that the building is not energy efficient

5 Moisture & heat escapes through air leakage

1 The average UK household produces enough water vapour equivalent to 26 pints of water

2 Warm air rises meaning moisture ends up in the roof space

3 If the moisture can't escape then condensation becomes a problem

4 Condensation leads to mould

General Fixing Instructions

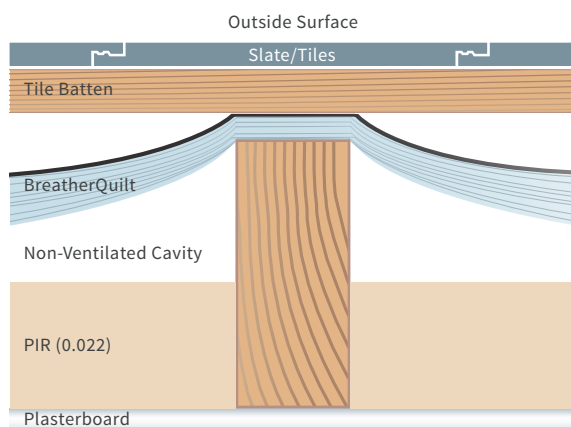
- ▶ Installation of BreatherQuilt for pitched roof applications and additional insulation products should be in accordance with the manufacturer's certificate, fixing instructions and current good building practice.
- ▶ Start at the bottom of the roof by rolling BreatherQuilt across the rafters and staple in to place, additional rolls should be butt jointed and sealed using waterproof tape. Tape a line of double sided tape along the top edge of the material.
- ▶ Install the next layer of BreatherQuilt overlapping the material by 75mm, staple as before and then secure with the double sided tape, additional rolls should be butt jointed and sealed using waterproof tape
- ▶ BreatherQuilt can be cut with craft knife or a sharp pair of scissors. Staple at regular intervals using minimum 14mm stainless steel or galvanized staples are recommended. No protective clothing/handling required.



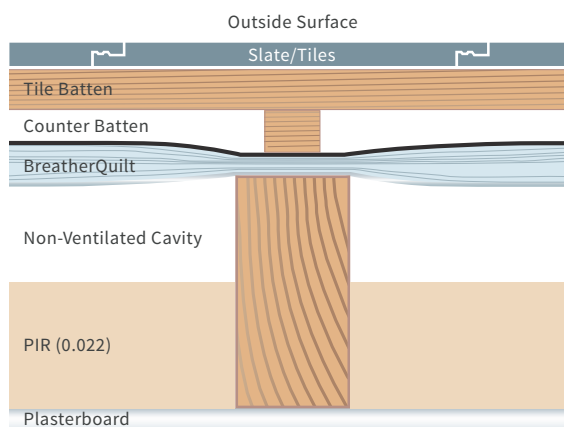
YBS Insulation offers a comprehensive range of insulation products and cavity closers, for more information please visit our website www.ybsinsulation.com

U-Value Insulation Requirements

Draped Detail



Counter Batten Detail



U-Value Table

Description (rafters at 400 centres)	U-Value
BreatherQuilt	0.53 W/m²k
BreatherQuilt and 110mm PIR	0.18 W/m²k
BreatherQuilt and 165mm Mineral wool	0.18 W/m²k

U-Value Table

Description (rafters at 600 centres)	U-Value
BreatherQuilt	0.53 W/m²k
BreatherQuilt and 95mm PIR	0.18 W/m²k
BreatherQuilt and 150mm Mineral wool	0.18 W/m²k

U-Value Table

Description (rafters at 400 centres)	U-Value
BreatherQuilt	0.57 W/m²k
BreatherQuilt and 115mm PIR	0.18 W/m²k
BreatherQuilt and 165mm Mineral wool	0.18 W/m²k

U-Value Table

Description (rafters at 600 centres)	U-Value
BreatherQuilt	0.56 W/m²k
BreatherQuilt and 100mm PIR	0.18 W/m²k
BreatherQuilt and 155mm Mineral wool	0.18 W/m²k