

# Breathe-R

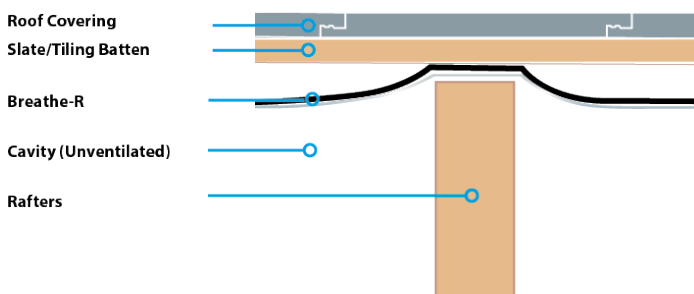


## Breathable Membrane & Insulating Layer for Pitched Roofs.

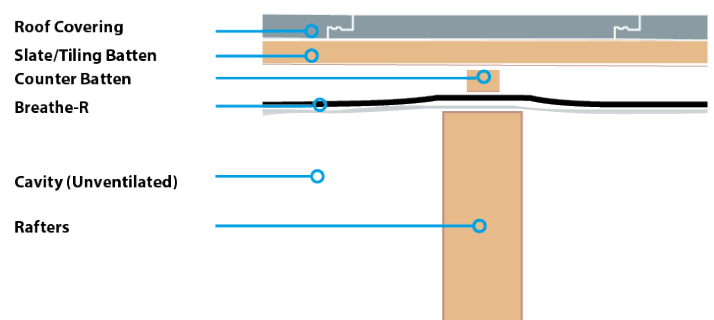
Why install a standard breather membrane when you can insulate at the same time?

- Dual purpose 2-in-1 insulating and breathable roofing membrane.
- Effectively reflects heat back into the room, whilst allowing moisture to pass through.
- Low vapour resistant breather membrane (LR).
- Excellent tensile and tear resistance strength.
- 2 layer build-up & only 2mm thick.
- CE Marked to BS EN 13859-1 : 2014.
- Suitable for all zones 1-5 in the UK.
- Zero fibres removes the need for PPE.
- Built in double sided tape.
- Equivalent to 20mm of polystyrene.

### Draped Detail



### Counter Batten Detail



#### No Condensation

Eliminates condensation, allowing moisture to pass through the membrane.



#### High Thermal Value

R-Value of (0.450 m<sup>2</sup>K/W)  
Equivalent to 20mm of EPS insulation.



#### Quick & Easy

Flexible and easy to install, saving you time.



#### Saves Money

39% reduction in heat loss, saving you money on your energy bills.

## Breathe-R is a 2 in 1 high performing LR (low resistance) breathable and true aluminium heat reflective roofing membrane.

Breathe-R is a quick and easy to install solution for your roofing membrane needs, with a high thermal resistance value of 0.450 ( $m^2 K/W$ ), offering a 39% reduction in heat loss when compared to standard/traditional breather membranes.

The unique composition of Breathe-R helps to improve the overall thermal efficiency of your roof by reflecting radiant heat back into the property especially during the winter months, while also keeping it airtight, water resistant (W1 rated) and allowing natural moisture to escape all year round.

### How Breathe-R Works

Breathe-R is 2mm thick and comprises of 2 layers, it is manufactured using a high performing and durable roofing membrane as the external outer layer.

The internal layer is manufactured using highly reflective insulation grade aluminium foil, which is fully perforated to allow free passage of moisture from the internal to external.

Breathe-R gives you a breathable and a high thermal efficient product with an over all thermal resistance value of 0.450( $m^2 K/W$ ), equivalent to approximately 20mm EPS (expanded polystyrene) insulation.



1. Start at the bottom of the roof by rolling across the Rafters, Install the next layer over lapping it by 100mm.



2. Staple at regular intervals (approx. every 300mm), minimum 10mm stainless steel or galvanised staples are recommended.



3. Breathe-R can be cut using a craft knife or sharp pair of scissors.



4. When you reach the end of the roll, cut the product so that it finishes in the middle the last rafter & staple.

4. (continued) Begin the next roll from this rafter, by butt jointing it to the end of the first roll and staple in place.

Using the YBS 75mm waterproof tape, tape over the joint and ensure it is fully sealed.

YBS Waterproof tape can be purchased from your local stockist, for more information give us a call.



5. Fold the second roll back (100mm), remove the easy peel backing from the double sided tape and secure in place by applying pressure.