

Condensation

Air contains varying amounts of water vapour, warm air holds more water as vapour than cold air. If warm air is cooled by a cold surface like a window pane it will not hold the same amount of water vapour, therefore the water turns into droplets of liquid and collects on the cold surface as condensation.

How to reduce condensation using secondary glazing against single glazed primary windows

The seal on the Secondary frame and the sealing of the glass to the frame is as air tight as possible.

The primary window does not require draught proofing or sealing doing so will cause a condensation trap within the cavity.

How to reduce condensation using secondary glazing against double glazed primary windows

When the existing glazing is double glazed or very well sealed it is important to remove excess moisture from the cavity by use of a trickle vent.

Fitting a trickle vent into the secondary glazing avoids the cavity becoming a condensation trap.

Secondary Glazing assists by providing the following to combat condensation:

- Allows balanced, low level ventilation within the window reveal cavities
- Stops the inner glass from becoming too cold
- Prevents condensation forming on both the primary & secondary windows