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— Timber Windows & Doors —

Condensation in your home

Take control of condensation in your home

Condensation on wooden windows damages the paintwork, the frame and can also damage the curtains and wall papers through staining. It is very frustrating to have to go around your home each morning drying windows and mopping up water off the window sills.

Condensation on windows is a direct result of heat loss through the glass. As the outside temperature drops, the glass in single glazed or old narrow double glazed windows becomes cold. When the warm air in the room touches the cold glass, it immediately cools and the moisture present in the air condenses on the cold surface of the glass.

You don't have to replace your windows to take control of your condensation problems.



Three main factors influence the level or presence of condensation:



Moisture trapped in the air
in the room (ventilation)



The outside
temperature



The inside room
temperature (insulation)

A practical guide to controlling condensation in your home

Whilst there is little we can do to influence the external temperature, you can influence the inside temperature and the amount of moisture in your home:

Reduce the amount of moisture present in the air

Don't dry clothes on radiators. Open a window when cooking. Fit an electric extractor fan in the bathroom. Open windows every day in every room to change the air and let moisture out.

Maintain the temperature in the room

We all know energy costs are constantly rising and making our homes as energy efficient as possible has to be a priority to enable us to keep control of how much we spend on heating our homes. And once we've generated the heat, we want to keep it in, so insulating makes good sense.

To do this, you need to heat the room and maintain the surface temperature of the glass to the same or close to the room temperature. The only way to do this is to install High Performance Insulating Glass units in the windows, or secondary glazing behind the existing frames. The whole purpose is to create an insulated barrier between the outer pane of glass which is cooled by external temperature, and the inner pane of glass which is warmed by the internal temperature. Modern double glazed units can have special coatings on the glass which reflect heat back into the room, and gas filled cavities which provide higher insulation values, thus reducing the heat loss through the glass and maintaining the

temperature of the inner pane. As a result, the chances of condensation forming are reduced. It's simple physics, but you can't eliminate condensation simply by installing double glazed windows or secondary glazing. You have to control the amount of moisture in the air.

If you live in an older period home property with sliding sash windows which you can't open because they're painted or stuck shut, then having them renovated so you can open them to ventilate the room and simultaneously draught seal to stop cold air ingress, will also assist in controlling condensation. Even better than this, it may also be possible to replace the sliding sashes with new **Energy Saver Sashes** which contain high performance double glazed units that can reduce the heat loss by up to 60%, whilst retaining the original frames and character of the windows. This will improve the window's energy efficiency and help maintain the temperature in the room, which in turn helps you control condensation and fuel bills.

Thanks to the latest developments in glass, we can now offer superior energy efficiency across our entire range which includes:

Traditional casement and sliding sash windows / Heritage sash window renovation / Restoration of historic leaded panels / Secondary glazing / Entrance doors / Upgrade and enhance existing conservatories / Patio doors and french doors / Folding sliding doors

Since 1979, we have worked hard carving a reputation for crafting premium, timber home improvement products. With nearly 40 years' experience, we are trusted by homeowners across the North of England.

If you'd like to know more, please call us on 0800 161 5718. Alternatively you can visit our award-winning showroom Monday to Friday 9am - 5pm and Saturdays 10am - 4pm.

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