



Southern Preservations Ltd

UNIT 3.5 CENTRAL POINT KIRPAL RD PORTSMOUTH PO3 6FH
T: 023 9229 8954 E: enquireis@southern-preservations.co.uk

Condensation Survey

Ventilation



Insulation

Heating

Typical signs of condensation

The most common signs of condensation are

- Streaming windows and condensation forming on windows
- Condensation water pooling on window sills
- Damp walls with no 'tidemarks'
- Damp and mould patches
- Mould in corners of rooms
- Mould behind furniture
- Mildew on clothes and furnishings
- Musty and damp smells



Why are you getting condensation and mould growth?

There is no magic solution to condensation, it occurs in properties due to the design of the property and largely how the occupants live. Air can only hold a certain amount of water vapour – the warmer it is the more it can hold. If there is little movement of air and if the water vapours are cooled by contact with a cold surface such as a mirror, a window or even a wall, the water vapour will turn into droplets of water-condensation. So, the warmer you keep your home the less likely you are to get condensation. Condensation occurs in cold weather, even when the weather is dry. It doesn't always leave a 'tidemark' round its edges on walls. If there is a 'tidemark', this dampness might have another cause, such as water leaking into your home from penetrating damp, rising damp, a plumbing fault or loose roof tiles.

When is condensation a problem?

Every home gets condensation at some time – usually when lots of moisture and steam are being produced, for instance at shower or bath-times, when a main meal is being cooked or when clothes are being washed. It is quite normal to find your bedroom windows misted up in the morning after a cold night. There is nothing much you can do to stop this. But if your home never seems to be free from condensation and you have mould or mildew on leather and clothes then you need to try and control these effects. For mould growth to occur there needs to be a sufficient amount of water available, this is why mould growth often occurs with condensation or damp. This type of mould looks like 'black spots' and is typically found along skirting edges or corners of walls & ceiling edges.

What's a Condensation Survey?

A condensation survey is a combined energy and ventilation assessment of the whole dwelling to determine why the, **Heating**, **Ventilation** & **Insulation** are out of balance. Then to make recommendations for improvements in the use of the dwellings **Heating** & **Ventilation** systems and if any **Insulation** improvements are needed. By conducting energy performance assessment and issuing a Energy Performance Certificate (EPC) unless a EPC already exist, then we can use the existing EPC. However from the 1st of April 2012 RdSap 9.91 come in affect with a new EPC format. The new EPC now gives details on the Governments flagship energy saving Green Deal where owners and tenants can get Insulation and may get heating improvement funded by loans provided by their electricity provider and paid back by using their energy savings from these improvements.