

The cause & treatment of black mould in the home



BLACK MOULD – Black mould in the home and buildings is usually a direct consequence of condensation. Condensation is water which has “condensed” from air on contact with cold surfaces.

Running water on windows and walls is usually the first and most obvious sign of condensation in the home. It will occur whenever warm, moist air comes in contact with a cold surface or when the air becomes saturated with water vapour as in bathrooms.

Condensation may not be so obvious to most people except for mist and water droplets on windows. However, the appearance of telltale black and coloured spots and stains will soon follow – this is mould growth. In most buildings it is condensation which creates the conditions suitable for the growth of black mould.

Uncomfortable and unpleasant

The appearance of mould growth is often seen first on window frames. Black mould can occur much more seriously on walls, wallpaper, furnishings and fabrics.

Condensation and black mould can damage walls, timbers and much more. The conditions which encourage these problems can often make life unpleasant and uncomfortable.

Every home could be susceptible

Ironically the emphasis on improving insulation, and the way we heat and ventilate our homes, has created exactly the right conditions for increasing condensation and black mould.

In other words we have cocooned ourselves in our homes, excluding natural and artificial ventilation and created moist, warm air which eventually leads to condensation somewhere within the property. Kitchens and bathrooms are areas most susceptible to these problems, where a lot of steam is produced.

It is probably true to say that practically every home in Britain is susceptible to condensation and then black mould.

FIRST CONDENSATION - THEN BLACK MOULD

What can be done?

In theory all condensation and black mould problems can be eliminated by the use of proper heating, ventilation and insulation. This, of course, is easier said than done and ignores the economic realities of life.

There are, however, some simple and inexpensive ways of reducing the overall condensation problem in the home and dealing with the black mould.

- Limit moisture production in bathrooms
- Limit moisture movement from these areas by keeping doors closed.
- Use background ventilation throughout
- Ensure each room can be ventilated adequately
- Fit extractors, preferably with humidistat control, in kitchens and bathrooms

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TECHNICAL DATA



- Ensure existing heating system is working effectively. Maintain some low heating even if accommodation is unoccupied during the day and particularly in cold weather.
- Ensure tumble dryers and washing machines can be exhausted directly to the outside
- Avoid use of paraffin or bottled gas heaters (one litre of paraffin produces over one litre of water)
- Apply proven fungicidal and anti-condensation coatings in mould infected areas or where mould is likely to occur.

Redecoration

The use of the Biokil Crown Anti Mould range of specialist coatings will break the mould problem and give prolonged control against its recurrence if used and applied correctly.

The Biokil Crown Anti Mould range of specialist coatings, which are no more difficult to use than conventional paints, have been used for over 40 years in hospitals, breweries and restaurants as well as being used in many houses throughout the country.

The products have been tried and tested time and time again. They should not be covered with conventional paints or wallpaper. The Anti Mould Emulsion carries a 5-year warranty.

YOU CAN BREAK THE MOULD PROBLEM WITH ANTI MOULD COATINGS

- **MOULD WASH STERILISING SOLUTION CONCENTRATE**
- **ANTI MOULD EMULSION**
- **ANTI CONDENSATION COATING**
- **MOULD ERADICATION ADDITIVE**