

Airtech Insulating Paint is a biocidal paint that also reduces surface condensation. Insulating Paint can be used on internal walls, ceilings, pipework and metals to provide protection from fungi and mould growth. Ideal for kitchens, bathrooms, walls and ceilings and anywhere condensation and mould are a problem.

Form Supplied	Liquid, ready to use
Pack Sizes	5 litres
Colour Range	Brilliant White and Magnolia
HSE No	6477
Contains	0.28% Propiconazole, 0.3% 3-Iodo-2-Propynl N-Butyl Carbamate
Properties	Insulating Paint uses proven biocide technology to inhibit mould growth whilst also actually reducing surface condensation. It does this with the use of glass nanospheres, tiny glass bubbles of air that reduce heat loss from the surface therefore increasing the dew point – the temperature at which water vapour turns into water droplets. Insulating Paint also contains diatoms, hollow shells of mineral that can absorb moisture vapour. This prevents liquid water forming on the surface of the paint and releases it back into the atmosphere as vapour when conditions allow.



Usage/Preparation	1. Prepare surfaces by removing nonwashable and loose material e.g. distemper, grease, dirt, mould or wallpaper. Radolite Sterilising Solution can be used to soak wallpaper before removal to minimise any further mould infection. 2. Make good any surface defects and rub down to smooth finish. 3. Wash down with Radolite Sterilising Solution using scrubbing brush or cloth. Allow to dry thoroughly. Apply second wash in badly affected areas and allow to dry. 4. Treat all bare areas with appropriate primer or undercoat/sealer. 5. If the surface is chalky or friable apply 1 liberal coat of a Stabilising Solution. 6. Insulating Paint may be applied by brush, roller or spray. STIR THOROUGHLY BEFORE USE.
Application of Fungi-Chek Emulsion	Prepare surfaces as above. Apply at least two coats Insulating Paint, allowing sufficient drying time between coats (2 - 4 hours). The more coats that are applied, the better the protection from condensation. Apply each coat more thickly than you would normal emulsion as this will improve performance. Overcoating Insulating Paint with a normal paint coating will allow re-growth of black mould, as the fungicides and diatoms will no longer be at the surface.
Practical Coverage	8m ² – 10m ² per litre. Extra allowance should be made for textured surfaces.
Storage	Between 5°C - 30°C.
Shelf Life	12 months unopened.

Technical Datasheet

Insulating Paint

General	There are basic measures to assist in the control of condensation and black mould. Insulating Paint System complements these basic controls and will prevent problems occurring for many years. These methods are particularly helpful in the domestic environment but can be applied equally to commercial catering, leisure or medical establishments. It is always important to reduce the risk of condensation by observing the following simple recommendations. • Ensure rooms are always warm and properly ventilated, maintaining some low heating throughout the day if possible. • When cooking, washing, bathing or drying clothes, keep the door closed and the window open - this prevents warm moist air moving to colder areas of the building. • In cold weather keep some heating on all the time. • If a paraffin or flueless gas heater is used ensure a window is open a little (every litre of paraffin produces about 1 litre of water). • Improve internal/external wall insulation. • Improve ventilation with Passive Vapour Vents in living/ bedrooms and Extract Fans in kitchens and bathrooms. The use of a Airtech positive input ventilation (PIV) system can be used in domestic properties to eliminate condensation and high levels of humidity.
General and Safety Precautions	Keep out of reach of children. Do not breathe spray. In case of contact with eyes rinse immediately with plenty of water and seek medical advice. Use only in well ventilated areas. In case of insufficient ventilation when spraying wear suitable respiratory equipment. For full health and safety information see Safety Data Sheet.