

Technical Datasheet

Radolite Sterilising Solution Concentrate

Radolite contains a powerful biocide that will eradicate mould and algae on internal surfaces.

Form Supplied	Liquid concentrate
Pack Sizes	500ml (makes 5 Litres)
Colour Range	Clear
HSE No	4593
Contains	7.5% w/w Benzalkonium Chloride.
Properties	Radolite is used to sterilise mould and algae infected surfaces before redecorating or removal of wallpaper. May also be used as a maintenance wash to control mould or algae where painting is not possible or desired.
Usage/Preparation	<ol style="list-style-type: none"> 1. Prepare surfaces by removing non-washable 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 brush, cloth or sponge. Allow to dry thoroughly. Apply second wash in badly affected areas and allow to dry before redecorating or re-painting.
General	<p>There are basic measures to assist in the control of condensation and black mould. The Radolite System complements these basic controls and will prevent these problems occurring for many years.</p> <p>These methods are particularly helpful in the domestic environment but can be applied equally to commercial, catering, leisure or medical establishments.</p> <p>It is always important to reduce the risk of condensation by observing the following simple recommendations.</p> <ul style="list-style-type: none"> • 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. • Use ventilation systems where appropriate, such as the Airtech PIV Systems and/or Extract fans.
General Maintenance	Airtech Radolite will not prevent the re-growth of mould in the long term. Its use is to remove active attacks prior to decoration using a fungicidal coating such as Fungi-Chek. For long-term eradication of mould etc a balance between heating ventilation and insulation must be achieved. A PIV unit can be to assist in this process. This device acts to produce a positive air pressure within the domestic environment and will keep the relative humidity below a level that will support condensation.
Practical Coverage	6 – 8 m ² per litre when diluted, depending on the porosity and roughness of the surface.
Drying Time	1-4 hours normally.
Application	By sponge, cloth or brush.
Storage	Between 5-30°C.
Shelf Life	12 months unopened.

For Local Authorities and Housing Associations

Problems of mould growth caused by dampness and condensation are not always easily solved. Extra ventilation and the proper use of heating are two measures commonly recommended but rarely carried out by tenants and occupiers reluctant to let cold air into their homes.

What can you do?

Whether or not condensation continues to occur after making recommendations for remedial measures is largely an irrelevant point for most people; what they see and what they want rid of is the **Black Mould**. The best method of treatment is to clean and sterilise affected surfaces with Airtech Radolite and then paint using Fungi-Chek or a standard emulsion incorporating Mould Eradication Additive.

Practical Coverage	40 m ² per pack when diluted
Drying Time	1-4 hours normally
Storage	Between 5-30°C.
Shelf Life	12 months unopened