



## SPECIALIST COATINGS

### ANTIMOULD AND CONDENSATION CONTROL PRODUCTS

#### ANTICONDENSATION COATING

##### Description

A high quality coating recommended for use on areas not subject to abrasion or washing. Typically this means ceilings, underside of roofing sheets, ducting, steel building frames, pipework and inside cupboards. **ACS Anticondensation Coating** inhibits condensation by absorbing moisture and improving insulation; contains a biocide for the sole purpose of protecting the paint in the can and the applied film from mould growth.

Form supplied: Ready to use.  
Pack sizes: 2.5 and 5 litres.  
Colour: White.

##### Properties

- Porous relatively soft coating resistant to high levels of condensation when fully dried.
- Absorbs moisture during periods of high humidity and releases it later when the humidity drops.
- Provides a non washable matt finish.

##### Preparation

1. Prepare surfaces by removing coatings such as limewash, grease, dirt, rust or mould.
2. Wash down with **ACS Surface Cleanser** using a scrubbing brush or cloth. Allow to dry.
3. Make good surface defects and coat bare areas with relevant primer. Allow to dry.
4. **ACS Anticondensation Coating** may be applied by brush or roller. **STIR THOROUGHLY BEFORE USE.**
5. Apply **ACS Anticondensation Coating** as a normal emulsion but do not exceed a coverage of **5 square metres per litre per coat**. Applied coat should be much thicker than ordinary emulsion paint and evenly applied over whole area. Do not over brush.
6. Apply successive coats of **ACS Anticondensation Coating** only when previous coat is dry (approximately 4 hours). Apply at right angles to direction of previous coat.
7. Two coats will normally be applied except for severe conditions where three or four coats are recommended.
8. Metal surfaces should be primed where necessary. Apply **ACS Anticondensation Coating** as above.
9. Clean equipment thoroughly in water.

##### Product Information

Composition:	Light fast alkali resistant non lead pigments and inert mineral fillers bound together by an acrylated copolymer emulsion.
Drying time:	Single coat at normal thickness: up to 4 hours before re-coating. Subsequent coats will apparently dry more quickly due to the absorption effect from below. Where condensation is likely to occur almost immediately after painting maintain extra ventilation and heating (if necessary) for 24 hours to allow thorough drying.
Practical coverage:	Apply at no more than 5m <sup>2</sup> /litre. Apply at least two coats.
Thinning:	Not recommended.
Clean up:	Water.

## NOTE

The paint film has a porous structure, which absorbs condensation, and the capacity of the paint film to absorb moisture increases with film thickness. **ACS Anticondensation Coating** cannot prevent condensation in conditions of 100% relative humidity. The applied, dried coatings are unaffected by low refrigeration temperatures or by temperatures up to 100°C. Discolouration of the paint film will occur at 100°C and the film may crack. The product is not suitable for use in situations exposed to frequent abrasion or scrubbing.

## General Maintenance

Wash surfaces with **ACS Surface Cleanser** as necessary. Before re-painting wash surfaces, allow to dry and apply further coats of **ACS Anticondensation Coating** as required. Overpainting by other paint destroys the anticondensation and other properties.

## General

There are basic measures to assist in the control of condensation and black mould. The **ACS Anticondensation** products complement these basic controls and will prevent these problems recurring for many years.

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 flue less 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.

**Health and Safety:** Refer to Safety Data Sheets (SDS) for each product.

Information given is in good faith based on experience and usage, however all recommendations are made without warranty or guarantee, since the conditions of use are beyond our control. All goods are sold in accordance with our Conditions of Sale, copies of which are available on request. Customers are advised that products, techniques and codes of practice are under constant review and changes occur without notice, please ensure you have the latest updated information.



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