

PermaPROTECT Anti Condensation Paint



Description

PermaPROTECT Anti Condensation Coating is a styrene copolymer dispersion, water-based paint. The coating raises the temperature of the wall that it is applied to, therefore reducing the risk of condensation forming.

PermaPROTECT Anti Condensation Coating uses hollow glass beads which reflect thermal energy away from the walls, preventing moisture from forming. By preventing moisture from forming, it inhibits the growth of mould. The microsphere glass beads have a size of 50um and a crush strength of 500psi.

Typical Uses

- Kitchens
- Utility rooms
- Bathrooms
- Lintels over doors and windows
- Cold walls and ceilings
- Industrial applications

Advantages of Use

- Warm air is reflected back into the room, rather than being absorbed by the cold walls
- Antibacterial properties
- Can be painted over, or wallpapered over without affecting its effectiveness
- Will increase the life of your chosen wallpaper or paint finish
- Condensation will take up to 60% longer to form
- Suitable for any interior walls
- Prevents formation of any black mould and any other potentially harmful fungi
- Coating is water resistant when dry

Technical Details

Anti Condensation Paint Technical Details

<i>Material</i>	Styrene copolymer dispersion – water-based paint
<i>Size of bucket</i>	2.5 litre or 5 litre bucket
<i>Colour</i>	White
<i>Mixed density</i>	0.77Kg/m ³
<i>Temp range</i>	5°C to 30°C
<i>Number of coats</i>	2
<i>Drying time</i>	2-4 hours (temp depending)
<i>Coverage</i>	4-5m ² per litre (2 coats)

Substrate Preparation

Preparation is similar to normal good decorative practice.

- Protect non target surfaces with dust sheets.
- Remove any loose material such as old paint, grease, dirt, mould or defective wallpaper.
- If mould is present, thoroughly clean the area using Permagard Mould Wash and allow to dry thoroughly.
- For glossy surfaces, lightly abrade the surface with abrasive paper avoiding inhalation of dust and wearing suitable personal protective equipment (face mask, gloves, safety glasses etc).
- If necessary, apply an appropriate primer or sealer. This may be required for new, porous plaster, wooden surfaces or bare metal. Allow to dry thoroughly. New plasterwork should be allowed to dry for 7-14 days before applying any paint finish.

Mixing

DO NOT use mechanical agitators as this could damage the glass microspheres within the paint.

Ensure the area is well ventilated. Stir the paint gently and thoroughly before use. **DO NOT use mechanical mixing tools.**

Application

Use a medium pile roller (recommended) to apply 2 even coats at a rate of 1 litre per 8-10m² per coat taking care not to over-apply as this may result in a thick, stippled finish. A foam roller may give a smoother final finish or a brush can be used if preferred. Light sanding is permitted to remove any high spots, nibs or stipples. For best results PermaPROTECT Anti Condensation Paint can be left as the final finish or over painted or papered if required.

Packaging

2.5 litre and 5 litre buckets

Coverage

- Apply at a rate of 8-10m² per litre per coat
- 2.5 litre bucket: 10-12.5m² (two coats)
- 5 litre bucket: 20-25m² (two coats)

Cleaning Equipment

Wet brushes and rollers should be rinsed with water and detergent. Spillages should be rinsed immediately whilst still wet. Reseal bucket after use.

Due to the impact that the glass beads could have on the environment, we advise that any leftover paint should be wrapped in a sealed bag and disposed of.

The items should be disposed of at a special waste collection point in accordance with local/national regulations.

Storage and Shelf Life

Store upright, off the ground, and in dry and frost-free conditions between 5°C to 25°C. 12 months when unopened, undamaged and stored correctly.

Health and Safety

Full health and safety data are given in the Product Safety Data Sheet.