

# TECHNICAL DATASHEET



## THERMALDRY Anti-Condensation Coating

ThermalDry is a styrene acrylic, water-based emulsion paint, which is thermally insulating and water repelling.



**ThermalDry Anti-Condensation Coating** is both thermally insulating and water repelling. It increases the wall temperature, thus reducing the 'dew point', or the temperature at which condensation occurs.

ThermalDry incorporates micro-technology in the form of hollow beads which act as a miniature 'Thermos Flask', reflecting thermal energy away from the walls, preventing the water from condensing.

### ADVANTAGES

- Coating is water repelling when dry and walls are warm to the touch
- Takes much longer for condensation to occur on walls
- Can be painted or wall papered over with any finish, without reducing its effectiveness
- Suitable for any interior wall - particularly exterior facing walls, bathrooms & kitchens
- Prevents formation of black mould and other harmful fungi
- Eco-friendly and cost-effective as it reduces utility bills
- Reduces the risk of condensation
- Increases the life of your chosen paint or wallpaper finish

### TYPICAL USES

Bathrooms, utility rooms, kitchens, lintels over windows and doors which produce cold spots, cold walls and ceilings and industrial applications.

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## SUBSTRATE PREPARATION

Ensure surface is free from mould and fungus using MCS1 Mould Clear Solution. Remove any loose paint, wallpaper, grease, oil stains or any other finishes. Any cracks must be filled using a crack filler and left to set before application can commence.

For plastic, metal or other surfaces that are not masonry, please refer to the plastic or metal manufacturer's data sheets for their advice on the correct primers to use on their products.

Prior to applying ThermalDry, inspect the substrate for any previous coatings or finishes, as the product needs to key to the surface.

For new plaster, prime the walls with a mist coat of paint. Wykamol recommend using a watered-down, general purpose paint in white.

## MIXING

Upon opening the tin, gently stir to ensure beads are evenly spread throughout.

**DO NOT USE** mechanical stirrer as this will damage the beads.

## APPLICATION

ThermalDry is designed for easy application with either a brush or roller. Allow 2-4 hours between application of coats. 2 coat application is necessary. Do not apply ThermalDry below 5°C or above 30°C.

## CURING

Allow for 2-4 hours between application of second coat of ThermalDry and before applying chosen finish.

## CLEANING EQUIPMENT

Clean tools with water immediately after use.

## STORAGE & SHELF LIFE

Store off the ground and in dry, frost free conditions, between 10°C and 30°C. Shelf life is 12 months when unopened, undamaged and stored correctly.

## HEALTH AND SAFETY

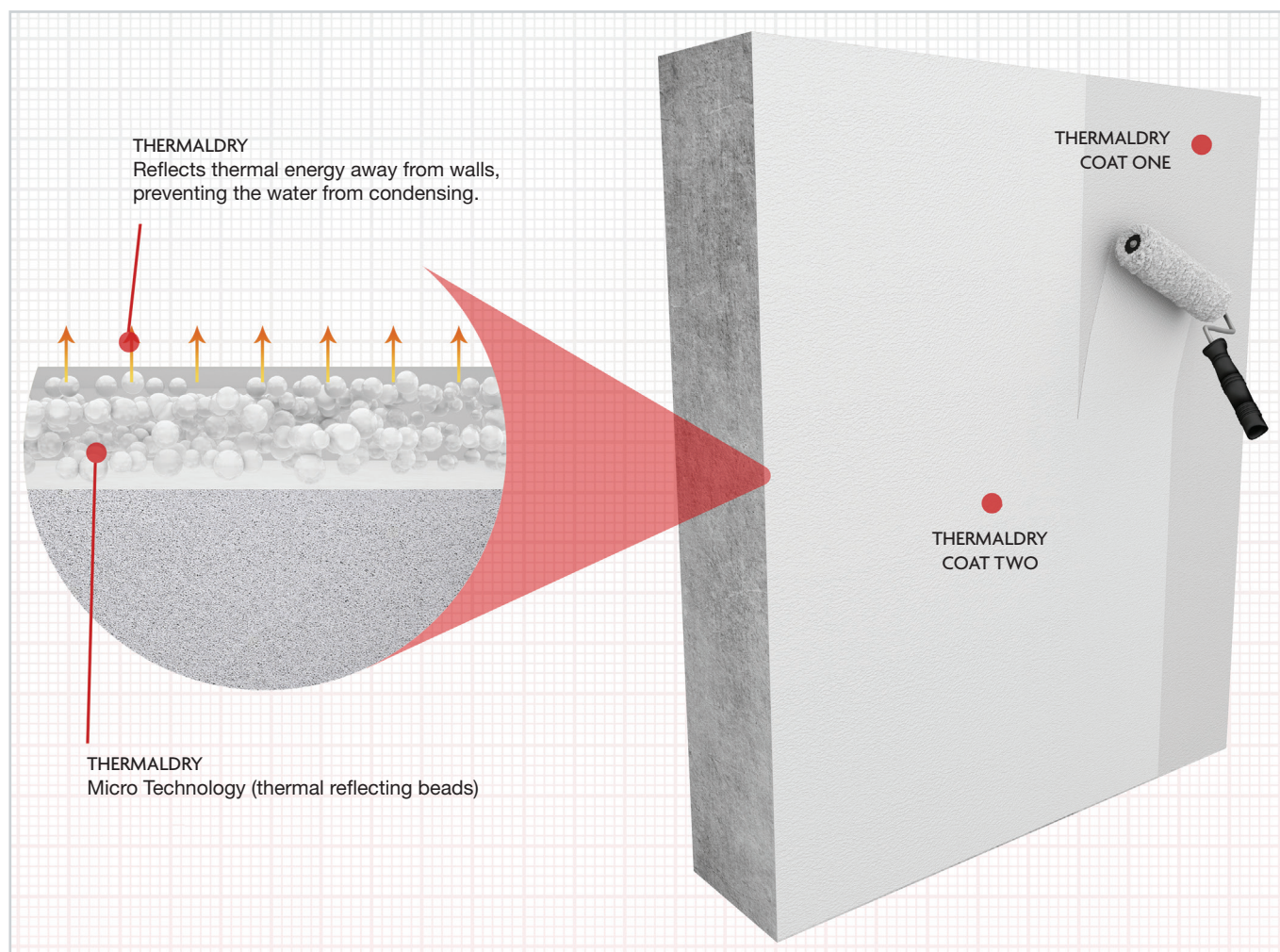
For further information and advice, please contact the Wykamol Technical Department and consult the safety data sheet, which is available upon request or can be downloaded from our website.



## PROPERTIES

Technical Data	Result
Colour	White
Number of Coats Necessary	2
Drying Time	2-4 Hours
Minimum Application Temperature	5°C
Maximum Application Temperature	30°C





## PACK SIZE AND COVERAGE

Product Description	Code	Pack Size	Typical Coverage*
ThermalDry Anti-Condensation Coating	THERMALDRY2.5	2.5 litre	12.5 - 15 m <sup>2</sup>
ThermalDry Anti-Condensation Coating	THERMALDRY5	5 litre	25 - 30 m <sup>2</sup>

2 coat application - 1st coat at approximately 12.5 - 15 m<sup>2</sup> - 2nd coat at approximately 12.5 - 15 m<sup>2</sup>

\*Typical coverage is calculated under laboratory conditions and will vary based on ambient conditions and substrate porosity.

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