

PRODUCT DATA SHEET : WARMCOAT

Issue 1 (2017 08)
ACTDS03

PRODUCT DESCRIPTION

WARMCOAT is a styrene acrylic copolymer dispersion water based paint, which is thermally insulating and water repelling. WARMCOAT incorporates Micro-technology in the form of hollow glass beads, with a size of 50um and a crush strength of 500 psi.

The micro, hollow glass beads act like a miniature 'Thermos Flask', reflecting thermal energy away from the walls, preventing the water from condensing. The prevention of moisture forming on walls therefore inhibits mould growth.

WARMCOAT also increases the wall temperature, thus reducing the 'dew point' or the temperature at which condensation occurs.



TYPICAL USES

- Bathrooms
- Utility rooms
- Kitchens
- Window Reveals and doors which produce cold spots
- Cold walls and ceilings
- Industrial applications

ADVANTAGES

- ✓ **COATING IS WATERPROOF WHEN DRY AND WALLS ARE WARM TO THE TOUCH**
- ✓ **PREVENTS FORMATION OF BLACK MOULD AND OTHER HARMFUL FUNGI**
- ✓ **SUITABLE FOR ANY INTERIOR WALL - PARTICULARLY EXTERIOR FACING WALLS, BATHROOMS AND KITCHENS**
- ✓ **TAKES UP TO 60% LONGER FOR CONDENSATION TO OCCUR ON WALLS**
- ✓ **INCREASE THE LIFE OF YOUR CHOSEN PAINT OR WALLPAPER FINISH**
- ✓ **CAN BE OVER PAINTED OR WALL PAPERED OVER WITH ANY FINISH, WITHOUT REDUCING ITS EFFECTIVENESS**
- ✓ **ANTIBACTERIAL PROPERTIES**
- ✓ **WARM AIR IS REFLECTED BACK INTO THE ROOM, RATHER THAN BEING ABSORBED BY COLD WALLS, INCREASING ITS OVERALL TEMPERATURE**

PROPERTIES

Technical Data	
Colour	White
Mixed Density	0.77Kg/m ³
Number of Coats Necessary	2
Drying Time	2-4 Hours
Minimum Application Temperature	5°C
Maximum Application Temperature	30°C

SUBSTRATE PREPARATION

Ensure surface is free from mould and fungus using bleach & water. Remove any loose paint or wallpaper, grease and oil stains. Any cracks must be filled using a crack filler and left to set before application can commence.

For coating over plastic or metal, prime surface first with ESP

MIXING

Upon opening the tin, gently stir the medium in order to ensure glass bubbles are evenly spread throughout. DO NOT USE mechanical stirrer as this could damage the glass beads.

APPLICATION

WARMCOAT is designed for easy application with either a brush or roller. Allow 2-4 hours between application of coats. 2 coat application is necessary.

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APPLICATION CONDITIONS

Do not apply WARMCOAT below 5°C or above 30°C.



SHELF LIFE

12 months when unopened, undamaged and stored correctly.

HEALTH AND SAFETY

For further information and advice please contact Igoe International Technical Department and consult the Safety Data Sheet which is available upon request.

CURING

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

CLEANING EQUIPMENT

Due to the impact that glass beads can have on the environment, we advise that the equipment used to apply WARMCOAT is carefully wrapped in a sealed bag and disposed. The same should be done with the WARMCOAT container. The items for disposal should be disposed in accordance with local, regional, nation and or/international regulation.

PACK SIZE AND COVERAGE

Product Description	Code	Pack Size	Typical Coverage
WARMCOAT*	currently unavailable	2.5 LITRE	10 - 12 m ² *
WARMCOAT	THAMW5L	5 LITRE	20 - 25 m ² *

*coverage after a two coat application.

STORAGE

Store off the ground and in dry, frost free conditions, between 10°C and 30°C.