



# INSOPAINT INTERIOR EMULSION

## 1. TYPICAL USE

InsOpaint - is a premium quality, high opacity emulsion giving excellent coverage and performance. It is perfect for all interior walls and ceilings and provides a U-value improvement of 0.25 W/m<sup>2</sup>K.

Please read the HSE information on page 2 concerning old lead-based paints prior to surface preparation for painting.

## 2. PACK SIZE

2.5L and 5L tubs.

## 3. COLOUR RANGE

24 colours.

## 4. FILM PROPERTIES

5.01 Chemical Resistance:	Not suitable.
5.02 Heat Resistance:	Unsuitable for use on heated surfaces e.g. radiators.
5.03 Water Resistance:	Suitable for areas subject to high levels of condensation / atmospheric humidity to prevent and / or eliminate condensation problems.
5.04 Wet Film Thickness	67 micrometres at 15m <sup>2</sup> per litre.
5.05 Dry Film Thickness	26 micrometres at 15m <sup>2</sup> per litre.

## 5. COMPOSITION (NOMINAL)

6.01 Pigment:	Lightfast Non-Lead Pigments.
6.02 Binder:	Acrylic Copolymer Emulsion.
6.03 Solvent:	Water.

## 6. VOLUME SOLIDS

White 33% (nominal), other colours will vary.

## 7. APPLICATION METHOD

Brush, roller or spray.

## 8. SINGLE COAT DRYING TIMES AT STANDARD THICKNESS

8.01 Touch Dry:	1 hour.
8.02 Re-Coat:	2-4 hours.

## 9. COVERAGE

A guide to the practical coverage which can be achieved under normal conditions is up to 15m<sup>2</sup> per litre.

## 10. THINNING

11.01 Sealing new or bare surfaces:	Add up to 1 part clean water to 5 parts paint.
11.02 Normal use (not to be exceeded):	Add up to 1 part clean water to 10 parts paint.
11.03 Conventional spray application:	Add up to 1 part clean water to 2.5 parts paint.
11.04 Airless spray application: maximum 5%.	Add up to 1 part clean water to 5 parts paint.



World's No.1 Insulating Paints Coatings and Plasters

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### 11. SPRAY RECOMENDATIONS

- |                                |  |
|--------------------------------|--|
| 12.01 Conventional Spray:      | Satisfactory through most equipment.   |
| 12.02 Spray:                   | A typical set up for airless spray application would be a minimum working pressure on paint of 133 bars (2000lb/sq in) with a spray tip size between 0.53mm and 0.65mm and spray tip angle 65° |
| 12.03 Filters must be removed: | On all spray equipment before use.   |

### 12. CLEANING UP

After use, remove as much paint as possible from brushes before cleaning up with clean water. Do not use or store in extremes of temperature (min 7°C, max 40°C) and protect from frost.

### 13. SURFACE PREPARATION

Ensure surfaces are clean and dry before painting, with all loose and defective paint / paper removed. If necessary, wash surface to remove dirt, grease and powdery or dusty residues. Rinse with clean water and allow to dry. Surfaces that remain powdery after thorough preparation will need to be treated with appropriate plaster sealer. When necessary, rub down and then wipe off with damp, lint free cloth, to avoid dust. All surface defect should be filled with appropriate wall / plaster filler.

### 14. APPLICATION INFORMATION

Stir thoroughly before use. A minimum of 2 coats of InsOpaint are recommended. For areas subject to high levels of condensation, or no external walls internally, 3 coats can be used to give added protection.

### 15. HEALTH, SAFETY & ENVIROMENTAL INFORMATION

Always ensure good ventilation during application and drying. Do not breathe spray. Avoid contact with skin and eyes, and it is advisable to wear eye protection during application. In case of contact with eyes remove contact lenses if applicable, rinse immediately with plenty of water for 10 to avoid irritation, then seek medical advice. After contact with skin, wash immediately with plenty of soap and water or proprietary skin cleanser. Never use solvent thinners or white spirit. Keep out of reach of children. If swallowed, seek medical advice immediately and show this container or label. Never use or store by hanging on a hook, or empty contents into drains or watercourses.

Water based paint. Safety data sheet available online at [www.thermilate.com](http://www.thermilate.com). Avoid the inhalation of dust and wear a suitable face mask if dry sanding. Take special precautions during surface preparation of pre - 1960's paint surfaces over wood and metal as they may contain harmful lead. For further information visit: [www.direct.gov.uk/en/HomeAndCommunity/InYourHome/KeepSafeAtHome/DG\\_179814](http://www.direct.gov.uk/en/HomeAndCommunity/InYourHome/KeepSafeAtHome/DG_179814), EU limit value for this product (cat.A/a):75g/l (2007)/30g/l (2010). This product contains max 20-30g/l VOC.

See [www.thermilate.com](http://www.thermilate.com)

VOC Content Minimal 0% - 0.29%. VOC's (Volatile Organic Compounds) contribute to atmospheric pollution.

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### 16. CODES ACCORDING TO THE LIST OF WASTES REGULATIONS

Non-hazardous product: waste code 08 11 12.

Part-used containers containing g dried residue of supplied product assigned as non-hazardous: waste code 08 01 12.

Waste paint / varnish other than these mentioned: waster code 08 01 11. Used containers rinsed or scraped out with dried residue of the supplied product has non - hazardous waste code 05 01 02 plastic packaging, or non-hazardous waste code 15 01 04 metal packaging.

Rigorously scraped out - removing maximum amount of product from the container by physical or mechanical means such as draining or scraping, to leave a residue that cannot be removed by such means.

These assigned codes are based on the actual composition of the product in both supplied and dried residues. If mixed with other wastes, these waste codes quoted may not be applicable.



Prepared by Thermilate Technologies Ltd

Dated: 8th Mar 2013

Revised: INIE.2.13

Reviewed: N/A

This Product Data Sheet supersedes all other previously dated sheets for this product.