

# Therma-Coat

## Acrylic Insulating Primer

### *Product Overview & Technical Specification*

A Unique agent for:

- *Sealing*
- *Bonding*
- *Thermally Insulating*

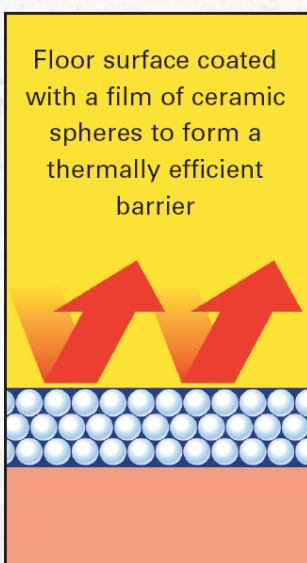
Specially formulated for use with electric under-tile heating.

Reduces Energy Loss by up to 20%

For use on Concrete, Tile Backer Boards, Brick, Blocks and most surfaces

Greatly reduces warm up time for Underfloor Heating systems. Can make a +2°C difference with the same energy

Available in 1litre sealed containers, Coverage up to 16m<sup>2</sup>



Floor Heating Systems Ltd.  
Heating Solutions for Contemporary Living



### Identification

|                       |  |
|-----------------------|--|
| Product Code          | Therma-Coat  |
| Product Name          | Therma-Coat Acrylic Insulating Primer                              |
| Application           | Concrete, Screed, Cement, Tile Backer Board, Wood, Brick, Plaster* |
| Manufacturer          | Thermilate Europe Ltd  |
| Licensed Distribution | Floor Heating Systems Ltd  |

\*not to be used on lime render

### Composition

|                      |   |
|----------------------|---|
| Chemical Definition  | Polyvinyl Acetate and Styrene Acrylic co-polymer - Thermilate Composite |
| Composition Comments | Water based emulsion  |

### Physical & Chemical Properties

|                      |                         |
|----------------------|-------------------------|
| Physical State       | Liquid                  |
| Appearance           | Milky light blue        |
| Odour                | Characteristic          |
| Density              | 1.00 - 1.20 g/ml        |
| Viscosity            | 40000 - 100000 mPas     |
| Thermal Resistance*  | 0.153m <sup>2</sup> K/W |
| Thermal Conductance* | 6.54W/m <sup>2</sup> K  |
| Solubility in Water  | Soluble                 |
| PH                   | 8/10                    |

\* Thermal test conducted independently by: Thermal Measurement Laboratory - University of Salford

### Handling & Storage

|                     |   |
|---------------------|---|
| Storage             | Store at room temperature (5-40°C Recommended) Keep well closed and protect from direct sunlight. |
| Conditions to Avoid | Keep away from oxidizing agents and strongly acidic materials to avoid exothermic conditions      |

### Toxicological Information

|               |   |
|---------------|---|
| Inhalation:   | Nausea, Headache, Sore throat. In case of inhalation of small quantities no important effect observed                                     |
| Skin Contact: | Skin Contact: Prolonged contacts may cause skin irritation especially cuts scratches or abrasions or if contact with contaminated clothes |
| Eye Contact:  | Mildly irritant   |

### Transportation & Disposal

|                        |  |
|------------------------|--|
| UN-No                  | IMDG class : non (this product in not considered dangerous material by transport regulations)  |
| Disposal               | Chemical residues are generally classified as special waste, as such are covered by regulation which vary according to location. Contact your local waste disposal authority for advice, or pass to a chemical disposal company. Rinse empty containers thoroughly before returning for recycling. |
| Ecological Information | No environmental hazard is anticipated provided that the material is handled and disposed of with due care and attention. Not readily biodegradable  |

A full COSHH data sheet is available on request from your supplier