

# Therma-Coat

## Acrylic Insulating Primer

### *Product Overview & Technical Specification*

A Unique agent for:

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

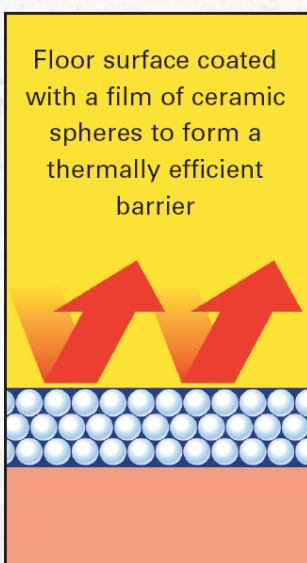
Specially formulated for use with electric under-tile heating.

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