



World's No.1 Insulating Paints Coatings and Plasters

## PRO ROOF

### 1. TYPICAL USE

PRO ROOF is a premium, minimal VOC, environmentally friendly, energy-saving and insulating, water-based coating for concrete and clay tiled roofs.

### 2. USES

- 2.01 This latest superior quality thermal roof coating has been specially developed for concrete and clay tiled roofs.
- 2.02 If using product on slate or clay tiles, a Primer MUST be used.

### 3. SUBSTRATES PREPARATION

- 3.01 All surfaces to be jet washed and to remove all moss, fungi and lichen.
- 3.02 All surfaces to be treated with PRO Anti fungicidal wash after washed roof has dried and prior to apply.
- 3.03 Apply to dry, sound surfaces which must be free from dirt, dust and grease. All tiles should be free of latence, efflorescence, fungal growth and algae.

### 4. COLOUR RANGE

Available in Terracotta, Rustic Red, Dark Brown, Red Brown, Charcoal Grey, Winter Green and Clear.

### 5. PRODUCT INFORMATION (TYPICAL FIGURES)

- |                              |  |
|------------------------------|--|
| 5.01 Composition:            | The highest quality acrylic emulsion resin and pigments, utilizing unique nano/insulating materials.   |
| 5.02 Volume solids:          | 68%  |
| 5.03 VOC content:            | Minimal.   |
| 5.04 Typical film thickness: | 250 microns recommended.   |
| 5.05 UV resistance:          | Excellent. Contains super cross-linked polymers so no fading.  |
| 5.06 Gloss:                  | Approximately MPI Level 4 gloss.   |
| 5.07 Coverage:               | A 20L tub covers up to 40m <sup>2</sup> under the recommended two coat application. The spreading rate of this product will vary depending on the method of application and the roughness and porosity of the surface. |

### 6. APPLICATION DETAILS

- |                           |  |
|---------------------------|--|
| 6.01 Airless spray(cold): | Up to 5% water may be added to suit equipment. Typical tip size 21-26 thou, or 0.53-0.65 mm. Typical fluid pressure 170kg/ m <sup>2</sup> or 2500 p.s.i. |
| 6.02 Conventional spray:  | Up to 10% water may be added to suit equipment.  |
| 6.03 Brush/Roller:        | Apply evenly using a well-loaded brush or roller.  |
| 6.04 Filters:             | Do not need to be removed.   |



## PRO ROOF

### 7. DRYING AND RECOATING

<b>Surface Temperature</b>	<b>Re Coat</b>
10°C - 34°C	1 - 4 hours

- 7.01 Environmental conditions: The air temperature should be at least 10°C and surface temperature of 8°C. The drying times will be extended in cold, damp and humid conditions.
- 7.02 General Info: A minimum of two coats of PRO ROOF are required to give maximum thermal efficiency and performance.
- 7.03 Winter formulation: Our quick air drying (QAD) formulation will be supplied during the months of November through to March. This ensures that each application is completely dry within three hours.

### 8. STORAGE

- 8.01 Shelf life: Can be stored for up to 2 years from date of manufacture in unopened containers.
- 8.02 Specific gravity: 1.5

### 9. SAFETY PRECAUTIONS

- 9.01 Non-flammable: Water-based environmentally friendly product.
- 9.02 Components with workplace parameters: None according to EU Directive 88/379/EC.
- 9.03 Personal protective equipment: Impermeable gloves recommended. Eye protection recommended. In case of severe splashing wear waterproof overalls. Do not eat or drink when handling product.
- 9.04 Hygiene measures: Keep containers closed when not in use. Use respiratory equipment when spraying. Do not breathe spray.
- 9.05 General protective measures.

### 10. CLEANING UP

- 10.01 After use, remove as much paint as possible from equipment before cleaning up with clean water.
- 10.02 Remove paint spray from glass windows using cloth/sponge and soapy water.
- 10.03 Use a good quality UPVC cleaner to remove paint spray from UPVC windows frames.

### 11. DISPOSAL CONSIDERATIONS

Waste product should not be discharged directly into drains or waterways. Disposal of product and packaging should always comply with local and national regulations

### 12. SURFACE PREPARATION

Ensure surfaces are clean and dry before painting, with all loose 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.

## PRO ROOF

### 13. HEALTH, SAFETY & ENVIRONMENTAL INFORMATION

Water based paint. Safety data sheet available online at [www.thermilateroofandwall.co.uk](http://www.thermilateroofandwall.co.uk). Avoid the inhalation of dust and wear a suitable face mask if dry sanding. For further information visit: [www.direct.gov.uk/en/HomeAndCommunity/In-YourHome/KeepSafeAtHome/DG\\_179814](http://www.direct.gov.uk/en/HomeAndCommunity/In-YourHome/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.thermilateroofandwall.co.uk](http://www.thermilateroofandwall.co.uk)

VOC Content Low 0.30% - 7.99%. VOC's (Volatile Organic Compounds) contribute to atmospheric pollution.

PRO - ROOF and the distinctive livery are trademarks of Thermilate Technologies Ltd 2014.



Prepared by Thermilate Technologies Ltd

Dated: 28th AUG 2013

Revised: PRRF.8.13

Reviewed: 3rd JUN 2014

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