

## ROOF SHIELD

### Scope

TROPICAL PVA ROOF SHIELD is a Pure acrylic roof paint that provides All-Weather protection for your roof. The unique formulation provides a flexible coating to withstand extreme weather conditions ensuring long term protection. Tropical Roof Paint has excellent adhesion, durability and UV resistance.

### Designed Use

- Area of Use : Exterior
- Area of Use : Galvanised Iron Roofs, Chromadek, Concrete roof tiles, Exterior trims made of Metal/Steel such as Gutters, Window Sills, Clay garden pots etc

### Technical Data

- Product Reference : For protective timber roof coating
- Finish : Smooth, Matt



- Theoretical Spread Rate :
 

| Recommended dry film thickness per coat |            | Spread rate             |
|---|------------|-------------------------|
| Minimum                                 | 30 microns | 8.7 m <sup>2</sup> /Ltr |
| Maximum                                 | 50 microns | 5.5 m <sup>2</sup> /Ltr |
| Typical                                 | 40 microns | 3.8 m <sup>2</sup> /Ltr |

- Coverage : 4 to 6m<sup>2</sup> per liter peR coat. While estimating the practical spread rates, due allowance should be made for surface profile, uneven application, overspray, losses in containers and equipment. Certain colours such as deep colours, may require more than 2 coats to achieve desired result

- Drying Time :
 

| Substrate temperature | Dry to touch | Overcoating interval |            |
|-----------------------|--------------|----------------------|------------|
|                       |              | Minimum              | Maximum    |
| 25°C                  | 25minutes    | 35min                |            |
| 35°C                  | 20minutes    | 40min                | Indefinite |
| 45°C                  | 15minutes    | 20min                |            |

### Storage and Handling

- Storage : Store in cool, dry conditions
- Disposal : Dispose as normal paint e.g. by controlled landfill. In case of doubt, consult local authority. Do not empty into drains, sewers or other water courses.
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- Shelf Life : Up to 18 months

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### Surface Preparation

The performance of this coating is directly related to the degree of surface preparation. Galvanised Iron Roofs, Chromadek, Concrete roof tiles, Exterior trims made of Metal/Steel such as Gutters, Window Sills, Clay garden pots etc. Ensure surface is clean, dry and free from all contaminants. Surface must be sound and free from laitance. Remove laitance by wire brush or sweep blast.

Apply two coat of Tropical PVA ROOF SHIELD

If the surface is previously painted, ensure that dirt, stain etc and other loose material and contaminants are removed.

### Application Method

Ensure adequate ventilation during application and drying. Do not apply when humidity exceeds 95% and condensation is likely. Only apply coating when surface temperature is 3°C or more above dew point.

Tropical PVA Roof Paint is ready to use. No need to dilute.

- Brush** : Recommended. Apply an even coat taking care to avoid runs and sags.
- Roller** : May also be used. Apply an even coat taking care to avoid runs and sags.

### Safety Precautions

- Avoid contact with the skin and eyes. Wear suitable protective clothing such as overalls, goggles, dust mask and gloves. Use a barrier cream.
- Ensure that there is adequate ventilation in the area where the product is being applied. Do not breathe vapour or spray.

### First Aid

- Eyes** : In the event of accidental splashes, flush eyes with warm water immediately and obtain medical advice.
- Skin** : Wash skin thoroughly with soap and water or approved industrial cleaner. DO NOT USE solvent or thinner.
- Inhalation** : Remove to fresh air, loosen collar and keep patient rested.

### Disclaimer

The information provided on this data sheet is not intended to be complete and is provided as general advice only. It is the responsibility of the user to ensure that the product is suitable for the purpose for which he wishes to use it. As we have no control over the treatment of the product, the standard of surface preparation of the substrate, or other factors affecting the use of this product, we are not responsible for its performance nor would we accept any liability whatsoever or howsoever arising from the use of this product unless specifically agreed to in writing by us. The information contained in this data sheet may be modified by us from time to time, and without notice, in the light of our experience and continuous product development.

Technical Consultancy is always available to ensure optimum specification and performance. For full details contact: -