

**ROOF PRIMER**
*Updated Jan'24*


Roof Primer is a pure acrylic-based paint with non-added lead and mercury which is specially formulated to use as an undercoat before the top finishing coat of Solaroof. It is used to improve the adhesion with the substrate. It also increases the solar reflectant performance of Solaroof and hence, provides a longer lasting protection for roof tiles.

**Product Features:**

- Promote adhesion with the substrate
- Long lasting
- Enhance solar reflectant performance of Solaroof

Paint Type	Product Type	Finishing	Recommended Substrate	Pack Size
Water based	Exterior	Low Sheen	Exterior Tiles / Metal / Cladding roof surface	5 Litres, 20 Litres

**Composition**

Pigment	: Mainly Titanium Dioxide, Iron Oxide, Carbon Black, Organic Pigments and Mineral Extender
Binder	: Pure Acrylic
Thinner	: Water

**Technical Data**

Drying Time	: Touch Dry : 30 minutes (Dependent on temperature and humidity)
	: Hard Dry : 1 hour (Dependent on temperature and humidity)
Recoating Time	: 1 hour (Dependent on temperature and humidity)
Dry Film Thickness	: Around 30 µm per coat (based on substrate condition)
No. of Coats	: 1 coat
Theoretical Coverage	: 11 – 13 m <sup>2</sup> per litre per coat (Actual coverage is dependent on substrate condition, application method, application condition and finishing appearance)
Volume Solid	: ~ 38%
Shelf Life	: Up to 36 months in tight sealed container

**Application Method**

Brush / Roller	: Dilute the paint with not more than 5% of water. Preferable not dilute for best performance.
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**Recommended Coating System**
**Tile Roof**

Sealer / Primer	: Roof Primer	: 1 Coat
Top Coat	: Roof Coating / Solaroof	: 2 Coats

**Metal / Cladding Roof**

Sealer / Primer	: Roof Primer	: 1 Coat
Top Coat	: Roof Coating / Solaroof	: 2 coats

**Surface Preparation**

Surfaces should be clean, dry and free from oil, grease and contaminants before painting. For previously painted surfaces, remove all unstable paint film, loose chalk, dust and foreign matter. Repair any surface defects, clean off and dry. Avoid painting on the substrate with high moisture content. Avoid painting when the environment relative humidity exceeds 85%, or when the surface to be painted is less than 3°C above the dew point. Spot prime with Roof Primer.

**Cleaning**

Clean up equipment with water immediately after use.

**Safety Precautions**

- Keep container tightly closed and keep out of reach children or away from food and drink.
- Ensure good ventilation during application and drying.
- When applying paint, it is advisable to wear eye protection.
- In case of contact with eye, rinse with plenty of water immediately and seek medical advice.
- Remove splashes from skin by using soap or water.
- Paint must always be stored in a cool place.
- When transporting paint, care must be taken. Always keep container in a secure upright position.
- Dispose any paint waste in accordance with the appropriate Environment Quality Regulations.

**Note**

\* Theoretical Coverage is based on a mathematical formula

$$\left[ \frac{\text{Volume Solid \%} \times 10}{\text{Dry Film Thickness}} \right] = \text{m}^2/\text{lit}/\text{coat}$$

and does not consider LOSS FACTORS.

Variables like porosity of substrate, application method, dilution ratio, dry film thickness, opacity and so on will affect the loss factor and can vary from 30% - 50% or even more.

The above information is given to the best of our knowledge based on laboratory tests and practical experience.

However, since we cannot anticipate or control the many conditions under which our products may be used, we can only guarantee the quality of the product itself.

We reserve the right to alter the given without prior notice.