



# NIPPON ROOF PRIMER

*External Emulsion*

## Product Description:

Nippon Roof Primer is a pure acrylic-based paint with non-added lead and mercury which is specially formulated to use as a undercoat before the top finishing coat of Nippon Solaroof and Nippon Roof Coating. **It is used to improve the adhesion with the substrate and provides a longer lasting protection.**

## Recommended Uses:

For the protection of exterior tiles roof surface.

## Composition:

**Pigments** : Mainly Titanium Dioxide and Mineral Extender

**Binder** : Pure Acrylic Emulsion

**Thinner** : Water

## Properties:

**Colour** : White colour

**Appearance** : Low Sheen Finish

**Recommended no. of coats** : 1 coats

**Recommended Dry Film Thickness Per Coat** : 35 - 50  $\mu\text{m}$

## **Drying Time**

Touch Dry : Dependent on temperature and humidity.

Hard Dry : Minimum 1 hours

**Recoating Interval** : Minimum 1 hours

**Solid content** : 55  $\pm$  2% by weight

**Specific Gravity** : 1.33  $\pm$  3

**Theoretical Coverage at Recommended Dry Film Thickness** : 10 - 12  $\text{m}^2$  per litre per coat  
(Actual coverage is dependent on substrate condition.) \*

**Application Methods:**

1) **Brush / Roller** : This paint is ready for use after thorough stirring.  
If necessary, thin with 5% water.

**Surface Preparation:**

Remove all dirt and dust by water jetting. Allow surfaces to dry out thoroughly. Ensure that the surfaces are free from loose dirt, dust, grease, oil and other contaminants. All unstable paint film must also be removed. Recommended to use Nippon Roof Primer for better adhesion but for powdery surface, to use NP Acrylic 5170 Wall Sealer.

**Previously Painted Surfaces**

Remove all unstable paint film, loose chalk, dust and foreign matter by water jetting. Make good any surface defects, clean off and dry.

**Recommended Paint System**

## FOR TILES ROOF

Sequence	Product Name	No. of Coats	Remark
Primer	Nippon Roof Primer <u>OR</u>	1	To improve adhesion with finish coat
	Nippon Acrylic 5170 Wall Sealer	1	To be used for powdery surface
Finish	NIPPON SOLAROOFF / NIPPON ROOF COATING	2 - 3	

## FOR METAL ROOF

Sequence	Product Name	No. of Coats	Remark
Primer	Nippon Zinc Chromate Primer <i>(optional)</i>	1	Anti-rust benefit hence recommended for rusty area
	Nippon Roof Primer	1	To improve adhesion with finish coat
Finish	NIPPON SOLAROOFF / NIPPON ROOF COATING	2 - 3	

**Standard Packing** : 5 litres.

**Safety, Health and Environmental Information:**

Keep container tightly closed and keep out of reach of 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 off any paint waste in accordance with the appropriate Environmental Quality Regulations.

**Note:**

\* Theoretical Coverage is based on a mathematical formula

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

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 data without prior notice.