

ANTI STICK PU RECOATABLE PIGMENTED FINISH
Updated Aug'16


ANTI STICK PU Recoatable Pigmented Finish is a high build two-pack polyurethane based coating. It is a high performance finish specially formulated to tackle illegal advertisement with adhesive stickers.

Product Features:

- Highly resistant to solvents, acids, alkalis, oil and salt water
- Highly resistant to abrasion
- Easily remove illegal advertisement with adhesive sticker

Paint Type	Product Type	Finishing	Recommended Substrate	Pack Size
Solvent Based	Interior/Exterior	Matt	Concrete / Plastered Wall / Metal	1, 5, 20 Litres

Composition

Pigment	: Titanium Dioxide, Iron Oxide, Carbon Black and Organic Pigments
Binder	: Polyacrylic Base + Hardener
Thinner	: Nippon PU Recoatable Thinner

Technical Data

Texture	: Satin
Specific Gravity	: 1.2kg/L (mixture of base and hardener)
Volume Solid	: Not Applicable
Pot-life (25-30C)	: 5 hours after mixing
Drying Time (25-30C)	: Touch Dry : 4 hours : Hard Dry : 8 hours
Recoating Interval	: Minimum 8 hours @ 25-30C
Curing Time (25-30C)	: 7 days
Dry Fil Thickness	: 80 - 100 µm per coat (dry film thickness)
No. of Coats	: 2 coats
Theoretical Coverage	: 6 m ² per litre per coat (for dry film thickness of 50µm) (Actual coverage is dependent on substrate condition, application method, application condition, etc.) *
Shelf Life	: Up to 12 months in tight sealed container
Flash Point	: No Applicable

Application Method

Mixing Ratio	: 4 parts by volume of Base to 1 part by volume of Hardener. Stir the content of the Base component, continue stirring and gradually add the total contents of the Hardener component, continue stirring until a homogeneous mix is obtained
Brush/ Roller	: Thin up 5-10% of Nippon PU Recoatable Thinner is recommended for brush and roll application.

Recommended Coating System
**CONCRETE AND
PLASTERED WALLS**

Primer / Sealer	: Nippon Vinilex 5100 Wall Sealer	: 1 Coat
Intermediate Coat	: Anti Stick PU Recotable Pigmented Finish Basecoat	: 1 coat
Top Coat	: Anti Stick PU Recotable Pigmented Finish Top Coat	: 1 Coat

STEEL AND IRON

Primer / Sealer	: Nippon 8048 Zinc Phosphate Primer QD	: 1 Coat
Intermediate Coat	: Anti Stick PU Recotable Pigmented Finish Basecoat	: 1 coat
Top Coat	: Anti Stick PU Recotable Pigmented Finish Top Coat	: 1 Coat

Surface Preparation
Masonry:

1. Bare surface - Allow the surface to dry out thoroughly. Remove efflorescence, laitance, dirt, grease, oil and other contaminants, if any.
2. Previously painted surfaces - Remove all unstable paint film, loose chalk, dust and other foreign matter. Make good any surface defect. Clean thoroughly and dry.
3. Avoid painting when the moisture content and alkalinity of the walls are still high. (Recommended painting specification requires the moisture content of the walls to be below 16% measured by protimeter and alkalinity of the wall to be below pH9.)

Steel:

1. For maximum performance, this product should be applied to a surface that has been blast cleaned and suitably primed.
2. This coating is usually applied over a suitable primer, undercoat or build-up coat. This underlying system should be sound and undamaged.
3. The surface to be overcoated must be dry and free from surface contaminants.
4. All wax, oil and grease should be removed by solvent cleaning in accordance with the guidelines complying to SSPC-SP 1.
5. Soluble salts, dirt and dust must be removed prior to applying the coating. Dry brushing should be sufficient. A freshwater wash must follow to remove all soluble salts.
6. Always ensure maximum overcoating time for the primer/build coat has not been exceeded prior to application.

Environmental Conditions During Application

1. Do not apply when the relative humidity exceeds 85% or when the surface to be coated is less than 3°C above the dew point.
2. The surface temperature for application is 7°C. If not, drying and overcoating times will be considerably extended.
3. During application of the paint, naked flame, welding operations and smoking should not be allowed and adequate ventilation should be provided.

Cleaning

Clean up equipment with thinner 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 off 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