

ANTI STICK PU RECOATABLE CLEAR FINISH
Updated Feb'20


Anti Stick PU Recoatable Clear 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 / Steel | 1 Litre, 5 Litres, 20 Litres |

Composition

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|---------|--------------------------------|
| Pigment | : Clear |
| Binder | : Polyacrylic Base + Hardener |
| Thinner | : Nippon PU Recoatable Thinner |

Technical Data

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|---|---|
| Texture | : Satin |
| Specific Gravity | : 1.2kg/L (mixture of base and hardener) |
| Volume Solid | : NA |
| Pot-life | : 5 hours after mixing |
| Drying Time | : Touch Dry : 4 hours : Hard Dry : 8 hours |
| <i>Drying time and Pot Life above is based on temperature 25 – 30 °C, humidity 70 – 80%</i> | |
| Recoating Interval | : Minimum 8 hours |
| Curing Time | : 7 days |
| <i>Recoating time and Curing Time above is based on temperature 25 – 30 °C, humidity 70 – 80%</i> | |

***Important Note:**

Drying Time and recoating time are strongly depending on environment ventilation, paint thickness, environment temperature, environment humidity, number of coats applied, thinner used to dilute product and recoat materials. So drying time and recoating time provided is for guide only.

| | |
|----------------------|---|
| 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 80um) (Actual coverage is dependent on substrate condition, application method, application condition, etc.) * |
| Shelf Life | : Up to 12 months in tight sealed container |
| Flash Point | : Not Applicable |

Application Method

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|---------------|---|
| 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. Then add in 1 part by volume of Aggregate continue stirring until homogeneous. For GALVANIZED surface please use Glass Coating Hardener instead of PU Hardener. |
| Brush/ Roller | : Thin up 5-10% of Nippon PU Recoatable Thinner is recommended for brush and roll application. |

Recommended Coating System

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| Concrete / Plastered Wall | | |
| Intermediate Coat | : Anti Stick PU Recoatable Clear Basecoat | : 1 coat |
| Top Coat | : Anti Stick PU Recoatable Clear Top Coat | : 1 Coat |
| Steel (Not applicable to Alkyd Surface) | | |
| Intermediate Coat | : Anti Stick PU Recoatable Clear Basecoat | : 1 coat |
| Top Coat | : Anti Stick PU Recoatable Clear Top Coat | : 1 coat |
| Galvanized | | |
| Intermediate Coat | : Anti Stick PU Recoatable Clear Finished Basecoat | : 1 coat |
| Top Coat | : Anti Stick PU Recoatable Clear Finished 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