

OMPOXY P – 116 (Etch Primer)

PRODUCT DESCRIPTION

OMPOXY P - 116 two pack air drying PVB resin based Etch Primer. Recommended as primer for nonferrous surfaces like Aluminum, S.S., and Galvanize etc. This product is specially recommended for passivation of nonferrous metal and it will ensure adhesion on the nonferrous metal without that no paint or primer will give long lasting adhesion.

TYPICAL USES

- Excellent adhesion on Steel surfaces / Galvanize / S.S.
- Limited resistance to Chemicals, Alkalis, Solvents & Salt Water
- Two pack cold cured
- Easy to apply

Temperature Resistance

Continuous: 90° C

Intermittent: 120° C

Weatherability: Very good with suitable top coat

Flexibility : Limited

TECHNICAL DATA

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| TYPE | Two Pack System |
| COMPOSITION | Poly vinyl Butyral Anticorrosive Pigment |
| APPLICATION | Brush / Conventional Spray/ Airless spray |
| MIXING RATIO | 1 : 1 (BASE : HARDNER) |
| VOLUME SOLIDS | 10 ± 2% |
| RECOMMENDED DFT | 10 to14 µ per coat |
| THEORETICAL COVERAGE | 7 to10 sq. met per coat per lit |
| DRYING TIME | Touch Dry ..10-15 Minutes, Hard Dry3-4 Hours, |
| OVER COATING INTERVAL | Minimum 15, Maximum 24 Hours If exceeds the surface shouldbe roughened by emery scuffing |
| FLASH POINT | Above 22 C |
| SHADES | Yellow & Green |
| PACKING | 8 Lit, 20 Lit, 40 Lit |
| THINNER/CLEANER | OMET THINNER – 01 |
| FINISH | Matt |
| STORAGE LIFE | 12 months stored in cool, dry condition away from Flame andSun in original sealed container as supplied. |

SURFACE PREPARATION

This is an undercoat it will be applied on the surface of the substrate for that remove grease, oil and other contaminants preferably by using Degreasing solvent and the surface should be roughened by the emery paper 220. The surface should be prepared as per ISO 8504. For more details kindly contact our representative. It is advisable to take small trial to be carried out before applying a full coat. The cleaned surface should be coated before it becomes contaminated.

APPLICATION

Stir the base thoroughly and then mix base and hardner in given ratio by volume stir & mix both thoroughly. Add required Thinner to get required application viscosity allow the mixture to mature for 15 minutes. Filter the paint through Nylon filter cloth of 400 mesh size and apply uniformly over the surface and stir again before and during application. Do not allow material to remain in hoses, gun or spray equipment. Thoroughly flush all equipment with recommended thinner

Application: By Brush/By Air Spray

For Brush / Roller application, add a maximum of 5% thinner if required. Apply uniformly on the surface of the subtract. Use quality brushes for paint application

For Air spray application:

Thinner: OMKAR Etch Primer THINNER

Addition: 0-5%

Nozzle Orifice: 1 .2 -1 .4 mm Nozzle Pressure: 40-70 psi

HEALTH & SAFETY

All work involving the application and use of this product should be performed in compliance with all relevant National Health, Safety & Environmental standards and regulations.

Prior to use, obtain, consult and follow the Material Safety Data Sheet for this product concerning health and safety information. Read and follow all precautionary notices on the Material Safety Data Sheet and container labels. If you do not fully understand these warnings and instructions or if you can not strictly comply with them, do not use this product. Proper ventilation and protective measures must be provided during applying and drying to keep solvent vapour concentrations within safe limits and to protect against toxic or oxygen deficient hazards. Take precautions to avoid skin and eye contact (i.e wear gloves, goggles, face masks, barrier creams etc.) Actual safety measures are dependant on application methods and work environment. This is a solvent based paint and care should be taken to avoid inhalation of spray mist or vapor as well as contact between the wet paint and exposed skin or eyes.

IMPORTANT NOTES

1. Do not apply paint when temperature falls below 10°C or rises above 50°C and when Relative Humidity is above 85%, Do not apply during rain, fog, or mist.
2. Brushes and spray equipment should be cleaned with recommended thinner otherwise equipment is liable to damage.
3. Volume Solids will vary depending on shades. Products with different volume solids are also available on request.
4. DFT variation can be obtained by change in application method/thinning ratio. Contact our representative for further assistance.
5. Shelf life indicated is minimum for this Product and it is subjected to re-inspection thereafter. Individual component is required to be store in cool, dry and covered condition, away from heat and ignition.

DISCLAIMER

The information contained within this Data Sheet is based on information believed to be reliable at the time of its preparation. The company will not be liable for loss or damage howsoever caused including liability to conduct all necessary tests to confirm the suitability of any product or system for their intended use. No guarantee of results is implied since conditions of use are beyond our control.