

Undercoat for roof and wall / metal and non-metals

Ethical Primer J

Lineage Two-component reaction-curable epoxy resin



Coating condition

| | |
|---|---------------------------------------|
| Way of coating | Brush, roller, airless spray |
| Dilution ratio | Dedicated thinner 0-10% |
| Standard coating amount (kg / m ² / times) | 0.14-0.17 kg / m ² / times |

*Note: The above values are the standard values of the usage amount required for coating work.
The standard coating weight depends on individual conditions.

Coating interval

| | | |
|------|-------------------------------|-----------------------------|
| Item | Temp. | 23°C |
| | Standard application interval | min. 4 hours max. 7 days |

* It is more than 16 hours if the substrate is tin, color tan, aluminum plate.

Coating properties

| | Items | Contents |
|----|--|--|
| 1 | Packaging | 16 kg set (main 14.4 : hardener 1.6) |
| 2 | Mixing ratio | 2 liquid (9 : 1) |
| 3 | Colour | White |
| 4 | Gloss | — |
| 5 | Odor | Solvent odor |
| 6 | Finish | Smooth |
| 7 | Specific gravity / density | Main 1.27 (g/cm ³ /23°C) Hardener 0.96 (g/cm ³ /23°C) |
| 8 | Solvent specific gravity | — |
| 9 | Heated residue | 63±2 (%) |
| 10 | Viscosity | 1,150±50 (mPa·s/23°C) |
| 11 | Display of deleterious substance | — |
| 12 | Displayed harmful substances on labor law | Amorphous silica A, Bengala, Titanium oxide (IV), Carbon black, Petroleum naphtha G, Xylene, 1,3,5-trimethylbenzene, 1,2,4-trimethylbenzene, Ethanol |
| 13 | Type of organic solvent used | Class 3 organic solvents |
| 14 | Dangerous Goods Classification by the Fire Service Law | Class 4 Flammable liquid Class 2 petroleum Hazard class III |
| 15 | Classification by ingredients of curing agent | Class 3 organic solvents |

*Note: The above values indicate standards and there may be slight variations.

Characteristic

- ① This is a two-component weak solvent type modified epoxy undercoat material with outstanding rust prevention.
- ② Versatile rust preventive paint with excellent workability and a wide range of substrate suitability.
- ③ It has excellent drying properties, and the next process can be performed within a day depending on temperature conditions.
- ④ There is no strong odor like strong solvent. It is a human and environmentally friendly design that does not contain toxic substances such as toluene and lead compounds.
- ⑤ Excellent adhesion to galvanized, aluminum and concrete, various old coatings, good workability of brushes and rollers, easy and shortened construction period.

Main application materials

Iron, zinc plating, aluminum, stainless steel, concrete, extruded board, etc.
(Not suitable for doweled molten galvanized steel and vinyl chloride coated steel sheet.)

Adopted old coating film

Various old coating films

* Note: Not applicable when the existing coating film are two-liquid solvent type fluorine resin coating or silicone resin coating.

Usage notes

- 1) Wipe off oils with thinner to remove dirt, dust, and other contaminants. (Brush, air blow, high pressure washing, etc.)
- 2) If there is rust or scale, remove it carefully with a power tool or hand tool.
- 3) Make sure that the substrate is sufficiently dried and that no dissolution or lifting of the existing coating occurs before hand.
- 4) In places where the upper and lower boards are attached with paint, such as in the drain area, cut off the area with a leather stripper, etc., as this may cause water leakage. (Be careful not to damage the coating)
- 5) Avoid application when the temperature is 5 °C or less, the humidity is 85% or more and dew condensation is concerned.
- 6) Avoid application in strong winds or when there is a risk of rain or snow.
- 7) When handling solvent-based products, pay special attention to fire and strictly observe the Fire Service Law and the Industrial Safety and Health Law.
- 8) Materials should not be stored in direct sunlight or below 0 °C. Provide sufficient ventilation during application.
- 9) When performing work, wear appropriate protective masks, protective gloves, protective glasses, and protective clothing.
- 10) Please refer to the SDS (Safety Data Sheet) for details on other general precautions regarding the handling of the coating.

※Please note that the contents of this product manual may be changed without notice.