Undercoat for metal roof

Weak-solvent Primer EPO

Lineage Modified epoxy resin

Coating condition

Way of coating	Brush, roller, airless spray
Dilution ratio	Coating thinner (0～12%)
Standard coating amount (kg / m2 / times)	0.13～0.30kg / ㎡ / 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℃
Standard application interval	min.	16 hours
	max.	7 days

Coating properties

	Items	Contents
1	Packaging	16kg
2	Mixing ratio	1 liquid (Coating thinner 0～12% feasible)
3	Colour	White
4	Gloss	—
5	Odor	Solvent odor
6	Finish	Smooth
7	Specific gravity / density	1.4～1.5 (g/cm3/23℃)
8	Solvent specific gravity	—
9	Heated residue	67-72 (%)
10	Viscosity	1400 ±800 (mPa・s/23℃)
11	Display of deleterious substance	—
12	Displayed harmful substances on labor law	low-boiling aromatic naphtha , xylene (mixture of isomers) , ethylbenzene , methyl isobutyl ketone , 1,2,4-trimethylbenzene , 1,3,5-trimethylbenzene , trimethylbenzene , titanium(IV) oxide
13	Type of organic solvent used	Class third species
14	Dangerous Goods Classification by the Fire Service Law	Class 4 Flammable Liquid Class 2 Petroleum Danger Grade III (Specified quantity: 1,000 L)
15	Classification by ingredients of curing agent	—

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

Characteristic

①One-component weak solvent type modified epoxy resin rust preventive udnercoat that exhibits excellent rust and corrosion prevention effects.
②Excellent adhesion and suitable for repainting general iron parts.
③Easy-to-use one liquid type, with excellent workability for brush coating and airless coating.
④It does not contain harmful anti-pigment such as lead, chrome.

Main application materials

Undercoat for rust prevention of water-based paints and weak solvent paints for iron parts, steel plates, aluminum and stainless steel

Adopted old coating film

Various old paint films (If the old paint film is significantly deteriorated, use a two-component epoxy rust preventive.)
Note) Not applicable if a existing coating is a two-component solvent-based fluororesin, silicone resin or other coatings with poor adhesion. Please check the adhesion before application.
Note) Not applicable if a existing coating is a 4-liquid solvent-based fluororesin or silicone resin coatings.

Usage notes

1) Avoid application at low temperature (5℃ or less) or high humidity (85% or more). (This is a factor that may cause the finish of the overcoat.)
2) Strictly adhere to the required amount and interval time according to each standard construction specification.
3) Avoid rainfall, snow, condensation, strong wind, etc. during and within 6 hours after application.
4) Keep the material out of direct sunlight, store in a cool, dark place of 40℃ or less, and use it only outdoors or in a well-ventilated place.
5) After opening the base material, use it asap due to its reaction with moisture in the air. Once opened, the material may gel even if it is closed again.
6) When handling materials, pay special attention to fire and strictly observe the Fire Service Law and the Industrial Safety and Health Law.
7) When performing work, wear appropriate protective masks, protective gloves, protective glasses, and protective clothing.
8) Please refer to SDS (Safety Data Sheet) for details of general precautions concerning the handling of other paints.

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