

Undercoat for non metal roof

Ethical Sealer J

Lineage Weak solvent epoxy resin

Coating condition

Way of coating	Brush, roller, airless spray
Dilution ratio	No dilution
Standard coating amount (kg / m ² / times)	0.2-0.8 kg / m ² / time (at the time of the first slate repair) 0.08-0.2kg / m ² / time (when renovating after the second slate roof)

*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

pH: Not applicable 10 ≤ pH <11.5

Coating properties

	Items	Contents
1	Packaging	15 kg
2	Mixing ratio	1 liquid (no dilution)
3	Colour	Clear
4	Gloss	—
5	Odor	Solvent odor
6	Finish	Smooth
7	Specific gravity / density	0.88(g/cm ³ /23°C)
8	Solvent specific gravity	—
9	Heated residue	25 (%)
10	Viscosity	22~28 (mPa·s/23°C)
11	Display of deleterious substance	—
12	Displayed harmful substances on labor law	Mineral spirit, 1,3,5-trimethylbenzene, 1,2,4-trimethylbenzene, medium-boiling aromatic naphtha, diisobutyl ketone, trimethylbenzene, xylene (isomer mixture), ethylbenzene
13	Type of organic solvent used	Class 3rd species
14	Dangerous Goods Classification by the Fire Service Law	"Class 4 Flammable Liquid Class 2 Petroleum" Hazard class III (specified quantity 1,000L)"
15	Classification by ingredients of curing agent	—

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

Characteristic

- ① It is a 1-liquid weak solvent type epoxy sealer with excellent penetrability and solidification.
- ② Since there is little effect on old coating film, lifting the base coating film is not much concerned.
- ③ It has excellent impregnation properties, reacts with the moisture in the base and air to form a strong coating film, and has excellent solidification properties.
- ④ Since it is a one-liquid type, there is no need to mix the main material and curing agent, and it has excellent workability.

Main application materials

Slate roof, corrugated slate roof, metal roof, moniel tile, wall slate, etc.

Adopted old coating film

Various old paint films

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

Usage notes

- 1) If this is your first time renovating a painted and slate roof or corrugated slate roof, please apply multiple coats until a glossy finish is achieved.
- 2) The values for interval time and requirements are standard. There may be slight variations depending on the construction method, equipment, shape of the object to be coated, condition of the substrate, and construction conditions.
- 3) Inadequate surface preparation and water washing may cause the paint film to peel off. It may also result in poor finish such as lack of gloss. When repainting, be sure to wash with high-pressure water or a brush to remove deposits and deteriorated paint film. Please remove any loose, peeling, chalking layers, etc. of the old paint film before applying. Depending on the type of old paint film,
- 4) shrinkage, blistering, or peeling may occur due to the influence of solvents. Please check with a trial coat before actual installation.
- 5) We recommend painting between 9 a.m. and 3 p.m. In mountainous areas or areas where night dew falls early, finish painting early to allow sufficient drying time.
- 6) After washing, please dry for at least 2 days in summer and 3 days in winter. Also, if the Color Vest or Colonial surface is wet from rain or fog, please dry it thoroughly. Please avoid mixing with water or alcohol-based solvents.
- 7) Wear appropriate protective masks, gloves, eye protection, and protective clothing when performing work.
- 8) Please prepare the substrate and wash thoroughly. When repainting, be sure to wash with high-pressure water or a brush to remove deposits and deteriorated paint film.
- 9) To prevent the undercoat from absorbing unevenly, be sure to apply the undercoat so that there are no drips or unpainted areas. After painting, paint adheres to the drainage part (overlapping part of Color Best and Colonial) and if it becomes clogged, it may cause
- 10) water leakage. Remove the accumulated paint from clogged areas using a scraper, scraper, cutter, etc., and then cut the edges
- 11) Please refer to the SDS (Safety Data Sheet) for details on other general precautions when handling paints.

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