

**Lineage** Two-component reaction-curable epoxy resin

**Coating condition**

Way of coating	Brush, roller, airless spray
Dilution ratio	Dedicated thinner 0-18 %
Standard coating amount (kg / m <sup>2</sup> / times)	0.13-0.16 kg / m <sup>2</sup> / 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**

		Temp.	23°C
Standard application interval	min.	16hours	
	max.	5 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 11.2 : hardener 4.8)
2	Mixing ratio	2 liquid (11.2 : 4.8)
3	Colour	White
4	Gloss	-
5	Odor	Solvent odor
6	Finish	Smooth
7	Specific gravity / density	1.0 (g/cm <sup>3</sup> /23°C)
8	Solvent specific gravity	-
9	Heated residue	63-68 (%)
10	Viscosity	850 ± 150 (mPa·s/23°C)
11	Display of deleterious substance	-
12	Displayed harmful substances on labor law	Xylene, ethylbenzene, methyl isobutyl ketone, titanium oxide (IV), isobutanol, n-butanol (included in hardener)
13	Type of organic solvent used	Class 4 - 2nd species
14	Dangerous Goods Classification by the Fire Service Law	Hazard grade 3
15	Classification by ingredients of curing agent	Class 4 - 2nd species

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

**Characteristic**

- ① It is a universal primer to demonstrate excellent adhesion and durability to various substrates for Various ceramic siding plates and extrusion cement plates etc
- ② Effective for preventing contamination with sealing materials and lifting with urethane coating.
- ③ Helps hide the top coating material and prevents unevenness of the ground.
- ④ Does not contain harmful anti-corrosion pigments such as lead and chromium.

**Main application materials**

Concrete, mortar, GRC plate, extruded cement plate, etc.  
(Not suitable for doweled molten galvanized steel and PVC coated steel sheet.)

**Adopted old coating film**

Synthetic resin blended paint, acrylic alkyd resin paint, polyurethane resin paint, chlorinated rubber resin paint

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

**Usage notes**

- 1) If the substrate is concrete or mortar, dry the substrate sufficiently, and apply 10% or less of moisture and pH 10 or less.
- 2) Please follow the requirements and intervals described in the various standard installation specifications.  
Materials should not be stored in direct sunlight or below 0 degrees c.
- 3) When applied on sealing material, contamination or adhesion failure may occur depending on the type of sealing material.
- 4) Avoid application if there is a risk of rainfall, condensation, snowfall or strong winds. And ventilate enough when application.
- 5) When handling solvent-based products, be especially careful about the fire, and strictly observe the Fire Service Act and the Industrial Safety and Health Act.
- 6) Avoid application when temperature at the construction site is 5 degrees c. or less, the humidity is 85% or more, or condensation and/or various defects may occur in process of drying coating.
- 7) For products requiring dilution, use the dedicated thinner and dilute evenly in an appropriate amount and method.
- 8) If the acid for cleaning porcelain tiles adheres to the surface, it may discolor or dissolve. If there is a possibility that the cleaning acid for porcelain tiles will stick to the coated surface, make sure to mask painted surface before application.
- 9) When applied to lightweight mortars, ALC panels, highly insulated ceramic siding, urethane foams, etc., depending on conditions such as heat storage, the influence of water, the condition of the substrate, and the environment when application, the coating may swell or peel off.
- 10) Depending on the shape of the object to be coated, thickness and color, number of times of coating, and dilution rate, the gloss may look different. In addition, it tends to cause gloss unevenness at the splice point when applied by brush and/or roller. It is recommended trial coating before application.
- 11) In case of application at outside, colors with high saturation may be discolored and color unevenness may occur early.
- 12) Please refer to SDS (Safety Data Sheet) for details of general precautions concerning the handling of other matters

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