NIPPON PAINT GLIPLEX ALL IN 1

FEATURES

Nippon Paint Gliplex All in 1 is a premium-grade, ready-to-use steel coating formulated with oil-modified acrylic technology. The product can be applied directly without the addition of thinner. This 2-in-1 coating functions as both a topcoat and an anti-corrosive primer in a single application, reducing application steps. Enhanced with Rust-Guard Barrier Technology, it delivers superior corrosion protection even under harsh environmental conditions. Suitable for both interior and exterior use, the coating provides excellent weather resistance, non-yellowing performance, and fast drying properties allowing rapid project completion and improved cost efficiency.

- Suitable for application on all metal, concrete, wood, and plastic surfaces
- Excellent rust protection with self-priming anti-corrosion system
- Time-saving with fewer application steps, fast drying and recoatable within 30 minutes
- Durable and resistant to weather conditions, including sunlight and rain
- Lead-free and safe for use

PRODUCT INFORMATION

Paint type	Acrylic
Product type	Exterior & Interior
Film appearance	Gloss, Semi-gloss and Flat
Color	Various colors (see in catalog)
Grade	Premium
Recommended substrate	Steel, Galvanized steel, stainless steel, metal sheet, brass, copper, aluminum, solid wood, fiber cement, plastic wood (PVC wood composite), PVC, cement, and roof tiles.
Pack size	0.875 and 3.50 litres

TECHNICAL INFORMATION

Theoretical coverage	34-40	m^2 per gallon per coat
	9-12	m^2 per litre per coat
	(Dependent on application condition and surface condition)	
No. of coat	2	coats
Specific gravity	0.90-1.30	(Depend on colour shade)
Solid by volume	40-50	% (Depend on colour shade)
Wet film thickness	90-120	microns
Dry film thickness	30-40	microns (Depend on colour shade)
Touch dry (25-30°C)	5-10	mins
Recoat dry (25-30°C)	Approx. 30	mins
Full cure (25-30°C)	7	days

REFERENCE STANDARD

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APPILCATION

Applicator	Brush, Roller, or Air spray,
Diluted by	Hi-Pon HT Thinner or Hi-Thinner #04 or Thinner 3A
Dilution (%)	No dilution required (if dilution is needed, not more than 5%) when applying by roller or brush. Dilute 50–60% when applying by air spray.

SURFACE PREPARATION	
Metal	Surface must be dry and free from dirt, grease and other contaminants. Ferrous substrate should be sanded or wire-brushed to remove mill scales and rust. Clean off dust and dry.
Concrete	Remove all loose, defective paint or powdery residues, laitance, loose chalk, dust, fungus, algae and foreign matter. Treat any areas affected by fungus growth with Fungicidal Wash Solution. Repair cracks, uneven surfaces with suitable exterior grade fillers. Smoothen the filler areas with sand paper. Surfaces to be painted must be cleaned thoroughly and dry, it must be free from dirt, grease and other foreign matters. Allow all surfaces to dry completely prior to painting. Avoid painting when the moisture content and alkalinity of the walls are still high. (Recommended painting specification requires the moisture content of the walls to be below 14% measured by protimeter and alkalinity of the walls to be below pH8.)
Wood	Wood must be dry and free from dirt, grease and other contaminants. Smoothen surface with sand paper, then clean off and dry.
Other surfaces	Wood must be dry and free from dirt, grease and other contaminants.

PAINT SYSTEM	
Top coat	Apply Nippon Paint Gliplex All in 1 2 coats

HANDLING AND STORAGE	
Storage condition	The product must be stored in a dry, well-ventilated space and keep the container tightly closed. When transporting paint, the product should separately from others. Not recommended to place the product outdoor or exposed to the sun directly and must separately be stored between enamel paint and thinner, which is a flammable substance.
Precipitation	Place the product for a long time may lead the pigment to precipitate at the bottom of the container and can deteriorate over time when not stir product to a homogeneous by using suitable tools, such as an electric drill, air drill, or a stirrer. Therefore, should stir the product to the homogeneous phase before use. If not, the product will cause paint problems e.g. low hiding power or non-equal color shade.
Shelf life	12 months at 25-30 °C

SAFETY PRECAUTIONS	Precautionary notices are displayed on the container. Use product under well-ventilated area. Avoiding skin contact or inhale product. In case of contact with the eye, rinse with plenty of water immediately and seek medical advice. Remove splashes from the skin by using soap or water. For others information in terms of health and safety hazards for use of this product, please observe the Safety Data Sheet.
DISCLAMER	The above information is given to the best of our knowledge based on laboratory tests and practical experience. However, since we cannot anticipate or control the many conditions under which our products may be used, we can only guarantee the quality of the product itself. **We reserve the right to alter the given without prior notice.**
NOTE	The data are average values for reference only. However, the actual value depends on environmental conditions.