

FEATURES

Premium Long Oil Alkyd Resin Paint that is suitable for protection and decoration of wood and metal surfaces. Bodelac Flat provides an excellent durability and film appearance and also formulated with a Lead-free and heavy metal-free. Therefore, this product is safe for users.

- Dry faster than other enamel paint
- High solid and high coverage areas
- Weather & UV resistant
- Excellent Durability
- Washable
- Good adhesion
- Easy to apply
- Lead & Mercury free

PRODUCT INFORMATION

Paint type	Long Oil Alkyd Resin
Product type	Exterior & Interior
Film appearance	Flat
Color	White / Black / Green
Grade	Premium
Recommended substrate	Wood & Metal i.e. furniture, metal construction
Pack size	1/4 Gallon, 1 Gallon and 5 Gallons

TECHNICAL INFORMATION

Theoretical coverage	56-64	m ² per gallon per coat
Practical coverage	45-51	m ² per gallon per coat
	<small>These values are calculated based on the above theoretical coverage and a loss factor of 20% The actual loss factor for a particular job may vary depending on the application condition, method and technique; surface condition; as well as the structure and dimension of the object to be coated.</small>	
No. of coat	2-3	coats
Solid by volume	59±2	%
Solid by weight	75±2	%
VOC	<450	g/L
Wet film thickness	59-68	microns
Dry film thickness	35-40	microns
Touch dry (25-30°C)	30-40	mins
Recoat dry (25-30°C)	6-8	hrs.
Full cure (25-30°C)	7	days

REFERENCE STANDARD

TIS 2625-2557 Alkyd enamel : Safety requirement	✓	Passed
MiT (Made in Thailand)	✓	Passed
Carbon Footprint Label (CFP)	✓	Passed

APPLICATION

Applicator	Brush, Roller or Spray
Diluted by	Nippon Alkyd thinner or Hi-Thinner #01
Dilution (%)	Dilute the paint up to 5 % when apply by brush or roller, and 10 % when apply by 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.
Wood	Wood must be dry and free from dirt, grease and other contaminants. Smoothen surface with sand paper, then clean off and dry.

PAINT SYSTEM

Primer for metal surface	Nippon Paint Red Oxide Primer or Nippon Zinc Phosphate Primer 1-2 coats
Primer for wood surface	Apply Nippon Paint Bodelac Undercoat White for preventing fungi and prime scrap spot areas of wood and then apply top coat for 2-3 coats.
Top coat	Nippon Paint Bodelac Flat 2-3 coats Note: In case of vivid and intense color shade, a lighter shade is recommended to apply in the first coat for a good hiding result.

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	5 years at 30-35 °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.

DISCLAIMER

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.