

## **ECHO EXTERIOR WOOD VARNISH**

### • **DESCRIPTION & FIELD OF APPLICATION**

A special transparent wood varnish, based on modified alkyd resin designed for decoration and protection of exterior native and tropical wood. It is suitable for use on doors, frames, furniture, partitions, trims and other woodworks and provides protection to all types of wood by resisting UV light to give your wood superior durability.

Designed to protect all exterior wood and joinery from extreme climatic conditions. Used for yachts and boats it provides superb durability, all kinds of hardwood, softwood, plywood, chip board making it ideal for buildings which are exposed to poor weather conditions.

### • **MAIN FEATURES**

- Excellent weathering resistance
- Excellent flow and leveling properties
- Good gloss retention
- Highly flexible
- Non-yellowing
- Exceptional UV protection.
- Protects wood from extreme climatic conditions.
- Tough & durable.

### • **PHYSICAL SPECIFICATIONS**

- |                        |   |
|------------------------|---|
| - Specific gravity     | - Approx. 0.92 g/cc                                       |
| - Volume Solids        | - Approx. 50%   |
| - Coverage rate        | - 13-15 M <sup>2</sup> /Liter                             |
| - Dry film thickness   | - 30 Microns  |
| - Flash point          | - 38° C   |
| - Finish               | - High Gloss-Matt   |
| - Drying time at 25° C | - Surface dry approx. 2 hours<br>Hard dry approx. 4 hours |

\* A second coat can be applied after 24 hours.

### • **SURFACE PREPARATION**

The surface should be sound, dry, and clean; free from dirt, oil, grease, and powdery materials.

## **A. OLD PAINTED SURFACES**

1. Remove loose particles and parts with poor adhesion
2. Rub down any remaining gloss surfaces and remove all the dust.
3. Apply one coat of Echo exterior Wood Varnish 20% thinned with White spirit to act as a wood preservative.
4. After drying, rub down the first coat with smooth sanding paper and remove the dust.
5. Apply 1-2 coats of Echo exterior Wood Varnish in thin uniform layers.

## **B. NEW SURFACES**

1. Sand down the wood with appropriate sanding paper and remove all the dust.
2. Wipe with White spirit to wet the wood.
3. Apply one Coat of Echo Wood Varnish, 20% thinned with White spirit to act as a wood preservative.
4. After drying, rub down the first coat with smooth sanding paper and remove the dust.
5. Apply 1-2 coats of Echo exterior Wood Varnish in thin uniform layers.

## **• INSTRUCTIONS FOR APPLICATION**

### **1. Air spray gun**

Type of thinner	: Spirit (Flash point 38° C)
Percentage of thinning	: 10 - 20% max. By volume
Nozzle orifice	: 1.5 - 2.0 mm
Output pressure	: 2 - 3 bars

### **2. Brush**

Type of thinner	: Spirit (Flash point 38° C)
Percentage of thinning	: 0 - 5% max. By volume

## **• COLORS**

- Transparent

## **• PACKING**

- 19Liter. Pail, 1 US gallon, 1Kg.

## **• STORAGE**

- The product must be kept in cool well-ventilated place, protected from sunlight and heat.
- Containers must be kept tightly closed after partial usage.
- Storage life: up to 5 years from date of production, if stored as suggested.

- **REMARKS**

- Stir well before use.
- Avoid application below 5° C or over 85% relative humidity.
- After painting, clean the application tools immediately with white spirit.
- Keep out of children's reach.
- For more information, please do not hesitate to contact our Technical Department.