

ECHO MARINE ANTIFOULING PAINT

• DESCRIPTION & FIELD OF APPLICATION

ECHO Marine Antifouling Paint is a high gloss polyurethane enamel based, specially formulated to provide a weather-resistant coating when exposed to salt water, spillage of mineral, oil and other aliphatic hydrocarbons, It has excellent gloss and color retention, resistant to water, acid, alkali, wear and marine atmosphere in corrosive environment.

Recommended for use on marine structures, boats, pipes, tanks exteriors, machinery, lamp poles, guard railings, containers, bins, metal signs as well as other exterior or interior applications.

• MAIN FEATURES

- Hard protective antifouling
- Superior durability and weathering protection
- High resistance against moisture and sunlight
- Easy to apply by brush, roller or spray
- Corrosion resistant
- Excellent coverage
- High gloss finish
- Very good adhesion on surface and top coating
- Excellent water, acid, alkali, wear, and marine atmosphere resistance

• PHYSICAL SPECIFICATIONS

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|------------------------------------|--------------------------------------|
| - Finish : | - High Gloss |
| - Color: | - as per Echo Color Card |
| - Viscosity: | - 80 KU (mixed paint) @ 25°C |
| - Specific Gravity: | - 1.05 (Mixed paint) at 25°C, |
| - Spreading Rate Theoretical: | - 11.0 m ² / ltr at 50 µm |
| - Full Cure: | - 7 days @25°C |
| - VOC Values: | - 340 g/ ltr |
| - Flash point: | - 30°C |
| - Solid volume: | - 50.3% |
| - Solid weight: | - 65% |
| - Solvent for Thinning & Clean up: | - Xylene |
| - Recommended Film Thickness: | - Wet: 75-125 microns |
| | - Dry : 38 -63 microns |
| - Drying Time (at 25°C): | - Touch dry: About 4 hours |
| | Hard dry: 12 hours |
| | Recoat : 12 hours |

- **SURFACE PREPARATION**

1. All surfaces must be free from dirt, loose paint, oil, grease, wax, soap and other foreign material.
2. Surfaces should be properly prepared by sanding before any primers or paints are applied.
3. When sanding old antifouling paint, wear proper respiratory equipment to prevent the inhalation of sanding dust.

- **APPLICATION GUIDE**

1. The surface must be free from dust, grease, oil and other contaminants completely.
2. Apply two finish coats of Echo Marine Antifouling Paint.
3. Paint should be stirred carefully before use.
4. A suitable quantity of thinner can be added to get a reasonable viscosity for application.
5. Do not apply on wet or moist surfaces.

- **INSTRUCTIONS FOR APPLICATION**

- **Spray gun:** Recommended nozzle size: (1.5 – 1.8) mm.
Thinning ratio (5 - 15) % by volume
- **Roller:** Recommended type: Soft and smooth woolen roller.
Thinning ratio (0 - 10) % by volume
- **Brush:** General / Normal type
Thinning ratio (0 - 10) % by volume
- **Recommended thinner :**“Xylene” Depending on the weather conditions at work place

- **COLOR**

- As per color card.

- **PACKING**

- 19-liter Pail - 1 US gallon

- **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 using, clean the application tools immediately with xylene.
- Avoid contact with skin and eyes. Wear suitable protective clothing such as overalls, goggles, dust masks and gloves.
- Ensure that there is adequate ventilation in the area where the product is being applied. Do not breathe in vapor or spray.
- All liquid paints should be kept away from children's reach.
For more information, please do not hesitate to contact our Technical Department.