

## JD918 Acrylic Polyurethane Hull Paint (Non-Yellowing)

### Features:

JD918 Acrylic Polyurethane is formulated with hydroxyl acrylic resin, HDI non-yellowing curing agent, pigments, various additives, and organic solvents. It provides excellent adhesion, a full and smooth finish, superior weather resistance, excellent color and gloss retention, as well as outstanding water and salt spray resistance.

### Applications:

- Used for exterior finishing and protection of ship hulls above the light waterline and superstructures.
- Suitable for coating offshore structures and equipment.
- Can also be used as an exterior topcoat for buildings.

### Basic Parameters:

Property	Value
<b>Color</b>	Various colors
<b>Finish</b>	High gloss
<b>Volume Solids Content</b>	49-51%
<b>Density (After Mixing)</b>	1.1-1.3 g/ml
<b>Mixing Ratio (A:B)</b>	20:3
<b>Wet Film Thickness</b>	100µm
<b>Dry Film Thickness</b>	50µm
<b>Theoretical Coverage</b>	10.0 m <sup>2</sup> /L, 8.3 m <sup>2</sup> /kg (at 50µm dry film thickness)
<b>Actual Coverage</b>	5.3 m <sup>2</sup> /L, 4.4 m <sup>2</sup> /kg
<b>Flash Point</b>	28°C
<b>Surface Dry Time</b>	1 hour
<b>Full Cure Time</b>	24 hours

### Application Methods:

- High-pressure airless spraying, rolling, brushing

### Pot Life:

4 hours (at 25°C)

### Thinner:

Universal Thinner X-2

### Recoating Interval:

24 hours

### Recommended Coating System:

- **Primer & Intermediate Coats:** Epoxy-based primers and intermediate coatings
- **Number of Coats:** Recommended two coats

### Surface Preparation:



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Ensure the previous coat is fully dried, and remove any oil stains or impurities from the coating surface before application.

**Packaging:**

- **Component A:** 20 kg per can
- **Component B:** 3 kg per can

**Disclaimer:**

The information and technical parameters provided in this document are based on laboratory tests and practical applications. However, since the actual use of the paint is beyond our control, users must independently determine its suitability for specific applications. The company reserves the right to modify relevant parameters without prior notice for product improvement and enhancement.



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