



M111 Anti-rust Oil

Features: This is an anti-corrosion paint based on hydrocarbon anti-corrosion resin, supplemented with anti-corrosion agents.

Application: It is used on steel surfaces that have undergone sand-blasting treatment, typically for temporarily protecting steel on oil tankers from rust.

Basic Parameters:

Theoretical Value	Minimum	Maximum	Typical
Dry Film Thickness (µm)	25	45	35
Wet Film Thickness (µm)	83	150	117
Theoretical Coverage (m ² /L)	12	6.6	8.57

Physical Properties:

- Color: Transparent
- Volume Solid Content (%) : 30±2
- Specific Gravity: 0.98
- Flash Point: 28°C
- Gloss: Glossy
- Water Resistance: Good
- Chemical Resistance: Good
- Lubricant Resistance: Good
- Abrasion Resistance: Good
- Flexibility: Good

Surface Preparation:

The substrate must be sandblasted or polished to remove rust, cleaned, dried, and free of contaminants. Surface contaminants can be cleaned with thinner.

Application Conditions:

The substrate temperature should be at least 3°C above the dew point of the surrounding air. Temperature and relative humidity should be measured near the substrate.

Application

Methods:

- Spraying: Use airless spraying
- Brushing: Can be used, but must achieve the specified dry film thickness

Drying Time:

Drying time depends on film thickness, temperature, ventilation conditions, humidity, number of layers, and the environment. The following typical drying times apply under the specified film thickness:

1. Good ventilation (natural outdoor air circulation)
2. Typical film thickness
3. Single coat on an inert substrate

Substrate Temperature	10°C	23°C	35°C
Surface Dry	1 hour	45 minutes	30 minutes
Hard Dry	3 hours	2 hours	1.5 hours
Minimum Overcoating Interval	24 hours	12 hours	12 hours
Maximum Overcoating Interval	-----	-----	-----

The above data is for guidance only. Actual drying time and overcoat intervals may be longer or shorter, depending on film thickness, ventilation conditions, humidity, undercoat, pre-installation requirements, and mechanical strength. A complete system can be found in the corresponding specification sheet, which includes all parameters and special conditions.

Typical

Coating Layer:

1x35 microns (dry film thickness) Other systems can be developed based on specific requirements.

Storage:

Must be stored according to national regulations and should be pre-dried. Store in a cool, well-ventilated area, away from high temperatures and open flames. Keep the packaging sealed.

Packaging:

Handle with care, stir thoroughly before use.

Packaging Specifications:

20 kg, 20KG/barrel (single component)

Disclaimer:

The information and technical parameters provided in this description are based on our laboratory and practical results. However, the use of the paint is often beyond our control. Users must independently determine the suitability and applicability of the product in a particular environment. The company reserves the right to improve and refine the product, as well as modify the relevant parameters without prior notice.