

## JT-205M Water-based anticorrosion top painting

### Introduction:

JT-205M is made from the film-forming material—water-based acrylic emulsion, and added antirust slurry, rust inhibitors, water-based additives and other materials. Anticorrosive pigment with high heavy metal content, such as mercury and lead, isn't added.

### Application:

Equipped with proper water-based primer, JT-205M is suitable for anticorrosion and antirust purpose on the surface of steel structural building and workshop, mechanical equipment and other metals. It exhibits excellent resistance to outdoor weather, UV and discoloration.

### Package:

17.5L drum, 20 kg/drum

### Advantages:

Low VOC, no pollution while construction, not flammable or explosive, safety for transportation and storage.

Excellent resistance to weather, UV and color retention.

Quick drying speed, excellent early water resistance.

### Physical parameters:

Lustre	Flatting	Tack free time	≤0.5h(25°C, humidity 50%)
Color	Various, customized as color card	Complete dry time	≤5h(25°C, humidity 50%)
Volume solid content/%	About 40	Recoating time	Minimum 4h, maximum 48h(25°C)
Theoretical coating rate	7.5m <sup>2</sup> /kg (measured as a 40-micron dry film)	adhesion	Level 0
Specific weight	About 1.22kg/L	Complete curing time	7d(25°C, humidity 50%)
VOCs	≤50g/L	Impact resistance	50cm
Flexibility	≤1mm		

**Equipped system**

Working procedure	Product name	Coating times	Thickness of dry film
1	JT-205D Water-based anticorrosion primer/ JT-204D Water-based anticorrosion primer	1-2	50-100 $\mu$ m
2	JT-205M Water-based anticorrosion top painting	1-2	50-100 $\mu$ m
	<b>Total</b>		<b>100-200 <math>\mu</math> m</b>

**Surface treatment:**

Remove dirt such as grease with appropriate cleaning agent. Clean salt stains and other dirt with high-pressure fresh water.

**Construction instructions:**

1. High-pressure airless spray is recommended to gain the homogenous coating film.
2. Before construction, painting should be stirred evenly, the standard is not discolored for 30 seconds. If the viscosity is too thick, clean tap water could be added to dilute the painting to proper construction thickness. In order to ensure the quality of painting film, the amount of water is recommended to be 0%~10% of the weight of original painting.
3. If various construction is applied, the latter coating must be done after the surface of the previous coating film is dry.
4. Construction environment: relative humidity is less than 85%, surface temperature of construction is more than 0°C and 3°C above the dew point temperature. Equipment is required to maintain ventilation in small and enclosed environment.
5. Outdoor construction can't be done in rainy, snowy and foggy weather. If constructed, it can be covered with tarpaulin to protect the coating film.