



Product positioning

Metal substrate;

fundamental characteristics

Excellent weather resistance, weak acid resistance and weak alkali resistance.

product description

This product belongs to thermosetting paint and is suitable for factory assembly line operation with baking equipment.

Suitable for a wide range of substrates, such as aluminum plate, steel plate, black iron plate and other anti-corrosion decoration.

Basic reference data

project	index	test method	remarks
exterior	Viscous liquid visual inspection Various colors and effects		
Ex-factory viscosity (s)	Ninety	GB/T1723-93	
Fineness (um)	≤35	GB1724-2019	
Solid content (%)	≥50	GB1725-2007	
Theoretical coating rate (kg/m ²)	10-12	laboratory	
Covering power g/m ² .	≤70	GB1726-79	
Adhesion (circle method)	class A	GB1720-89	
Drying time (h)	1	GB6753.2-86	120-140℃
Dry film thickness (um)	≥35	GB1764-89	
Dry film gloss	light	GB/T9754-2007	
Pendulum hardness	≥1.5	GB/T1730-93	
Impact resistance (kg/cm)	Fifty	GB/T1732-2020	
Flexibility (mm)	1	GB6742-2007	
Alkali resistance (h)	Two hundred and twenty	GB9265-88	Soak in NaOH2% In solution
Acid resistance (h)	Two hundred	GB9274-88	Soak in H2SO42% In solution



Waterborne metallic topcoat (red)

Salt spray resistance (h)	Six hundred	GB/T1771-2007	
Water resistance (h)	eight hundred	GB/T1733 -93	
VOC emission	Forty-six	HJ2537-2014	

Construction parameters below national standard 200

- (1) Water addition (water is not needed for brushing): 1-10%;
- (2) Construction viscosity: 20-25s; ;
- (3) Diameter of spray gun: 1.0-1.2mm;
- (4) Nozzle pressure: Mpa0.25-0.5.

Substrate surface treatment

Iron plate and carbon steel plate can be constructed under the condition of dry primer, and aluminum plate can be directly painted after conventional pretreatment.

statement

The information provided in this product manual is completely based on what we have learned in our laboratory and practice. However, because the use of products is usually beyond our control, we only guarantee the quality of the products themselves. We reserve the right to modify this instruction without prior notice. For more details, please check our website: www.towercoating.com.

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Waterborne metallic topcoat (red)

