



Product positioning

High-grade architectural decorative panels.

Basic performance

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

Product description

This product is a heat-setting paint, suitable for factory line operation with baking equipment, applicable to a wide range of substrates, such as: aluminum plate, steel plate, black iron plate and other anti-corrosion devices.

Technical parameters

Item	Technical index	Test method	Remarks
Appearance	Viscous liquid	Visual inspection	Color, effect various
Factory viscosity(S)	90	GB/T1723-93	
Fineness (μ m)	≤35	GB1724-2019	
Solid content (%)	≥50	GB1725-2007	
Theoretical coating (m ² /kg)	10-12	Laboratory	
Covering power (g)	≤70	GB1726-79	
Adhesion (circle m)	First grade	GB1720-89	
Drying time (h)	1	GB6753.2-86	
Dry film thickness	≥35	GB1764-89	
Dry film gloss	Brightness	GB/T9754-2007	
Pendulum hardness	≥1.5	GB/T1730-93	
Impact resistance (kg/cm)	50	GB/T1732-2020	
Flexibility (mm)	1	GB6742-2007	
Alkali resistance (h)	220	GB9265-88	Immersion in NaOH 2%
Acid resistance(h)	200	GB9274-88	Immersion in H ₂ SO ₄ 2% solution
Salt spray resistance	600	GB/T1771-2007	
Water resistance (h)	800	GB/T1733 -93	
VOC emission	46	HJ2537-2014	



National standard 200 below construction parameters

Adding water (brush coating without adding water): 1-10%.

Construction stickiness: 20-25s;

Spray gun caliber: 1.0-1.2mm.

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 constructed and painted after conventional pre-treatment.

Declaration

The information provided in this product specification is based solely on our knowledge gained in the laboratory and in practice. However, since the use of the product is usually beyond our control, we only give a guarantee of the quality of the product itself. We reserve the right to modify this manual without prior notice. For more information, please consult our website: www.towercoating.com

www.towercoating.com

www.xigeer.com.cn

XGE-401-C
Water-based baking type metallic top coat (gray)

