



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, various effects |
| 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 (blue)

