



Product Positioning

Industrial rust prevention and corrosion protection in one product.

Basic performance

It has the effect of corrosion inhibition and antirust purpose for gasoline, industrial alcohol, transformer oil, machine oil, cutting fluid, fresh water, salt water, etc.

Product description

This product has the characteristics of water-based paint, but also has the advantage of efficiency, energy saving and cost reduction (omitting the cost of primer).

Basic reference data

Technology Item	Technical index	Inspection method	Remark
1、 Appearance	Viscous liquid	GBSG51001-94	
2、 Ex-factory viscosity(S)	80	GB/T1723-93	
3、 Fineness (um)	≤30	GB1724-2019	
4、 Solid content (%)	≥40	GB1725-2007	
5、 Theoretical coating rate (/kg)	10-12	In-plant spraying t	
6、 Coverage force g/m ²	≤75	GB1726-79	
7、 Adhesive force (circle method)	Grade 0	GB1720-89	
8、 Drying time	Surface dry 30min sol 7d	GB6753.2-86	Temperature 25 humidity 70
9、 Dry film thickness(um)	≥35	GB1764-89	
10、 Dry film gloss	Glossy	GB9754-2007	
11、 Pendulum hardness	≥1.5	GB/T1730-93	
12、 Impact resistance(kg/cm)	50	GB/T1732-2020	
13、 Flexibility(mm)	1	GB6742-2007	
14、 Alkali resistance(h)	300	GB9265-88	Immersion in NaOH 2% s
15、 Acid resistance(h)	200	GB9274-88	Immersed in H2SO42% s
16、 Salt spray resistance(h)	300	GB/T1771-2007	
17、 Water resistance(h)	800	GB/T1733-93	
18、 VOC emission	46	HJ2537-2014	National standard 200 or



Construction parameters

(1), add water: 1-10%; (2), construction viscosity: 20-25s; (3), gun diameter: 1.0-1.2mm.
(4), nozzle pressure: Mpa0.25-0.5

Statement

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 at www.towercoating.com

www.towercoating.com

www.xigeer.com.cn

XGE-501
Aqueous primer and top coat metallic paint

