



## Product positioning

General antirust paint for civil use; Rust-proof grade: 1-2 years (salt spray resistance for 72 hours)

## product description

This product is made of polymer water-soluble acrylic acid as base material, iron oxide red as antirust powder and various additives. It has good anti-rust performance for household metal products (such as heating pipes, water pipes, metal guardrails for doors and windows, indoor metal support stairs, etc.).

## Basic technical parameters

Technical project	Technical indicators	test method	remarks
1. Appearance	Dark red viscous	GBSG51001-94	
2. Ex-factory viscosity (s)	$\geq 50$	GB/T1723-93	
3. Fineness (um)	$\leq 30\mu\text{m}$	GB1724-2019	
4. Theoretical coating rate (m <sup>2</sup> /kg)	10-15 m <sup>2</sup> /kg	laboratory	
5, hiding power g/m <sup>2</sup> .	$\leq 70$	GB1726-79	
6, adhesion (circle method)	$\leq 1$	GB1720-89	
7. Drying time	Dry surface for 20min Work hard for 48h	GB6753.2-86	Temperature $\geq 25^{\circ}\text{C}$ ; Humidity $\leq 70$
8. Dry film thickness (um)	$\geq 20$	GB1764-89	
9, dry film luster	无	GB/T9754-2007	
10, pendulum rod hardness	$\geq 0.36$	GB/T1730-93	
11. Impact resistance (kJ/m <sup>2</sup> )	Fifty	GB/T1732-2020	
12, flexibility (mm)	1	GB6742-2007	
13, alkali resistance (h)	--	GB9265-88	Immerse in NaOH2% solution
14, acid resistance (h)	--	GB9274-88	Immerse in H2SO42% solution
15, salt spray resistance	seventy-two	GB/T1771-2007	
16, water resistance (h)	Three hundred	GB/T1733-93	
17, VOC emissions	$\leq 23.7$	HJ2537-2014	Below national standard



## **Construction parameters**

A, adding 1-10% water; B, the construction viscosity is 25-30s; C, the diameter of the spray gun is 1.0-1.2mm; D, nozzle pressure Mpa0.25-0.5; E, brush with wool brush with wool length of 2.5cm.

## **Substrate surface treatment**

The surface is dry and free of oil stain, and the new material has no scale. The rusty material is polished until it is free of looseness and corrosion.

## **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](http://www.towercoating.com)

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