

# Zhuoan® ZOAN600

## Intumescent fireproof coating for steel structure

### PRODUCT DESCRIPTION

Indoor thin-type steel structure water based fireproof paint is made of high efficiency flame retardant and light insulation material. The finished paint is thin, and has stable physical&chemical properties and fireproofing function. When encounter fire, the paint could rapidly expand and form a compact&uniform carbonized protective layer, and generate decompose&endothermic reaction to prevent heat transfer and extend the refractory time of steel structure.

### PRODUCT PARAMETER

Product Color	White liquid
Film Paint Color	White
Fireproof rating	More than 120min, depend on the film thickness
Construction Usage	5.2kg/m <sup>2</sup>
Surface Drying Time	4 hrs
Hard Drying Time	12 hrs
Film thickness	3-7mm(as per China standard)
Color Customization	Support
Water Proof rating	More than 24 hrs
PH	7-8
Consturction Ambient Temperature	Between 5°C (41°F) and 30°C (86°F)
VOC	/
Shelf Time	6 months
Application Method	Brush/spray/roller

### MAINLY FEATURES

- ◆Excellent fireproof performance
- ◆Easy application and good decoration effect
- ◆Stable physical and chemical properties
- ◆Good adhesion force, hard to produce peeling

### INTENDED USES

Indoor steel structure

### APPLICATIONS

Surface Preparation	The substrate surface must be clean,dry and free from contamination, such as dust,oil stain,water stain,etc.
Mixing	This is one component, but need to stir evenly before application.
Construction Method	<ul style="list-style-type: none"> <li>◆To clean the steel structure surface,the substrate surface should be free of dust, rust,oil and other impurity.</li> <li>◆The application method could be spray, brush and roller. Stir the coating well before using, each construction thickness should be 1-2mm, and execute next construction until the previous coating is dry. Total film thickness is depending on the requirement.</li> <li>◆The coating thickness should be uniform, the surface should be flat.</li> <li>◆Construction environment temperature should be above 5°C , relative humidity is less than 85%.</li> </ul>
Brush Tool	Wool brush or nylon brush
Construction Condition	Dont execute construction when temprature is under 5 or air humidity is above 80%. maintain good ventilation
Notes	Materials is not allowed to remain in hoses, guns or spray equipment. All unused materials should be sealed and, clean all tools timely after using with clean water. It is good to periodically flush the spray tools during the daily work.All surplus materials&empty containers should be properly disposed.

### SAFETY PRECAUTIONS

- ◆This product is intended for use only by professional applicators in industrial situations inaccordance with the advice given on this sheet, the Material Safety Data Sheet and the container(s), and should not be used without reference to the Material Safety Data Sheet(MSDS) .
- ◆All work involving the application and use of this product should be performed in compliance withall relevant national, Health, Safety&Environmental standards and regulations.
- ◆In the event welding or flame cutting is performed on metal coated with this product, dust and fumes will be emitted which will require the use of appropriate personal protective equipmentand adequate local exhaust ventilation.
- ◆If in doubt regarding the suitability of use of this product, consult us for further advice.

### PACKAGE& STORAGE

20kgs/barrel  
Paints should be stored in dry, shaded conditions and must be protected from freezing at all times during storage and transport. Frozen material shall be discarded, and never thawed and applied. The recommended storage temperature is between 5°C (41°F) and 30°C (86°F). Containers should remain sealed and unopened until needed and used in date order. Shelf life may be reduced at higher storage temperatures.