

## SILICON AC-250 PRIMER 有机硅耐热底漆 AC-250

### PRODUCT DESCRIPTION & INTENDED USES

An acrylic modified silicone paint which is suitable for medium-temperature heat resistance.

产品简介

是一种适合中等温度的丙烯酸改性有机硅耐热涂料。

### FEATURES

产品特性

- One component product, no pot life limitation  
单组份产品，无施工时限限制
- Excellent heat resistance (up to 250 °C)  
极好的耐热性能（可达 250℃）
- Fast dry speed  
干燥速度快
- Good physical property  
良好的物理机械性能
- Good applicability  
良好的施工性能

### BASIC DATA

基本数据

**Color(s)** Grey  
颜色 灰色

**Solids content** 53±2%  
重量固体份

**Film thickness** Dry : 20-40 microns/coat Wet : 59-118 microns/coat  
涂装膜厚 干膜: 20-40μ m/道 湿膜: 59-118μ m/道

**Spreading rate** Theoretical: 0.108kg/ m<sup>2</sup>/30microns  
涂覆率 理论值 : 0.108 千克/平方米/30μ m  
Practical: Various depending on surface conditions, environment, applications, etc.  
实际值 : 与表面处理, 外界环境, 施工方法等多种因素有关。

### STORAGE

储存

**Shelf Temperature** 5°C-40°C  
储存温度

**Shelf life** 12 months  
储存期限

12 个月

### APPLICATION DATA

## 施工数据

### Application Methods

#### 施工方法

|   |              |   |
|---|--------------|---|
| Airless spray, air spray, brush and roller<br>无气喷涂、空气喷涂、刷涂及辊涂 |              |   |
| Air spray<br>Thinning   | 空气喷涂<br>稀释比率 | Recommended 推荐<br>5-10% by volume (体积比) |

### Thinner

#### 稀释剂

### Application Temperature

#### 施工温度

### Drying Time &

### Overcoating Interval

#### 干燥时间&涂装间隔

### Special Thinner

#### 专用稀释剂

5°C-40°C

| Temperature (°C)     | 温度     | 5  | 10 | 23 | 40 |
|----------------------|--------|----|----|----|----|
| Dry to touch (mins)  | 指触干燥   | 45 | 30 | 15 | 10 |
| Dry hard (hrs)       | 半硬干燥   | 4  | 3  | 2  | 1  |
| Min. interval (hrs)  | 最小涂装间隔 | 6  | 3  | 2  | 1  |
| Max. interval (days) | 最大涂装间隔 | -  | -  | -  | -  |

## PAINTING SYSTEM

### 涂装配套

#### Applied Substrates

#### 适用底材

#### Subsequent Coat

#### 适用上涂

Bare steel, Inorganic zinc silicate primer or Silicon AC Primer  
裸钢、无机硅酸锌底漆及有机硅耐热底漆 AC  
Silicon AC-250 topcoat  
有机硅耐热面漆 AC-250

## SURFACE PREPARATION

### 表面处理

- Remove salt and other water-soluble contaminants by fresh water hosing.  
用清水冲去盐份及其它水溶性污物。
- Degrease according to SSPC-SP1 solvent cleaning.  
依照 SSPC-SP1 溶剂清洗标准除去油脂。
- Remove weld spatter and smooth weld seams and sharp edges.  
除去焊接飞溅并处理焊缝、毛刺使其光顺。
- Remove rust, mill-scale and damaged shop primer by blasting to ISO Sa2.5 (SSPC-SP10) or better.  
用喷砂方式除去铁锈、氧化皮和损坏的车间底漆达到 ISO Sa2.5 (SSPC-SP10) 或更好。
- Remove dust and dirt by high-pressure air before paint application  
用高压空气吹扫除去灰尘等污物。
- Be sure that the surface is clean and dry prior to application.  
施工前确认表面清洁干燥。

## SAFETY PRECAUTIONS

### 安全措施

A health and safety data sheet for product is available upon request. Minimum precautions to be taken in dealing with all paints are:  
任何油漆施工中均应保证提供以下措施:

- Avoid skin and eye contact.  
避免接触皮肤和眼睛。

## Protective Coatings

- If paint comes into contact with the skin , wash with warm water and/or a suitable cleanser. If paint comes into contact with the eyes, flush with copious amount of water and seek immediate medical attention.  
如果油漆接触到皮肤，应用温水以及（或者）适当的清洗剂清洗。如果油漆接触到眼睛，应用大量水冲洗并立即就医。
- Ensure good ventilation.  
保证良好的通风。
- Paint products contain flammable materials. Please keep them away from sparks and prohibit any smoking in the vicinity.  
涂料中含有可燃物质。请远离火花并禁止在临近地区吸烟。
- Observe all health and safety data on the container.  
现场遵守一切健康安全规定。

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