



# Cathozinc Shop Primer Type-2



ISO 9001:2000  
Cert. No. 01 100 6507

## 無機鋅粉預塗底漆, Type-2

**Product No. : SP-09**

**產品編號 : SP-09**

### General Description :

A two-pack, inorganic zinc preventive paint based on Ethyl Silicates, additives and Zinc Power.

### 一般說明 :

由矽酸酯類, 添加劑及鋅粉混合物構成之二液型防銹預塗底漆.

### Uses :

Shop primer for blast-cleaned steel plates for ships, tanks and coastal facilities.

### 用途 :

鐵槽, 船舶, 近海設施等鋼鐵構造物經噴砂後之預塗底漆.

### Characteristics :

1. Excellent resistance to corrosion and weathering.
2. Excellent heat resistance with slight scorched area in cutting and welding.
3. Very good properties for EPM operations.
4. Excellent cutting and welding properties.
5. Excellent brushability.
6. Very slight zinc fume in cutting and welding, great safety for working personnel.
7. Only trace of white rust after long outdoor exposure.
8. Excellent overcoatability with various kinds of coatings.
9. No. Zinc dust annoyance during application.

### 特點 :

1. 耐腐蝕及耐候性特優.
2. 耐熱性特優, 焊接時燒傷痕跡面積很少.
3. EPM作業性優良.
4. 熔斷, 焊接性優良.
5. 塗裝作業性優良
6. 焊接時發生鋅煙極少, 作業人員可安心使用.
7. 長期曝露室外產生白銹極微.
8. 極適用於上塗各類塗料
9. 為二液型塗料, 塗裝時沒有鋅粉揚塵.

### Color-Availability :

Grayish Green, Grayish Red.

### 可調配顏色 :

灰綠色, 棕灰色

**Technical Data :****技術資料 :**

Finish

光澤

Weight

重量

Viscosity (25 °C)

黏度 (25 °C)

Drying Time (25 °C)

乾燥時間 (25 °C)

Optimum Film Thickness

漆膜厚度

Overcoating Intervals (25 °C)

塗裝間隔 (25 °C)

Theoretical Coverage

理論塗佈量

Solid by Volume

固體容積

Storage Shelf Life

貯藏安定性

Flat

平光

Above 1.25 Kg/ L (Mixture)

1.25公斤/公升以上(混合物)

1 HS CUP 8-12 secs (Mixture)

1 HS CUP 8-12 秒(混合物)

Set-to-touch

2 mins

指觸

Dry hard

5 mins

硬乾

5 分鐘

Wet

54 microns (2.2 mil)

濕膜

54 微米 (2.2 mil)

Dry

15 microns (0.6 mil)

乾膜

15 微米 (0.6 mil)

Min.

48 hrs

最少

48 小時

Max.

12 months

最多

12 個月

18.5 m<sup>2</sup>/ L, 14.6 m<sup>2</sup>/ kg

18.5 平方米/公升, 14.6平方米/公斤

28% (Mixture)

28% (混合漆)

Minimum 1/2 year under normal storage conditions.

(Never expose to direct sunshine or temperature over 40°C)

正常情況下,至少1/2年。(不可照射日光或超過40°C)

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**虹牌 油漆**



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### Application Data :

No. of Components : Two

No. of Coats : One

Dilution : Ready for use, don't blend in any thinner.

Preceding Coats : ---

Subsequent Coats : Topcoats of Epoxy, Vinyl, Chlorinated Rubber, Polyurethane and Alkyd systems .

Mixing Ratio : Base : Zinc Dust = 35 : 65 (by wt.)

Application Method : Airless Spray, Brush

For Airless Spray : Tip Size : 0.017" ~ 0.021"  
: Air Pressure : 3 ~ 5 kg/cm<sup>2</sup>  
: Tip to Object : 30 ~ 50 cm  
: Pump Ratio : 33 : 1 or Greater

### Packing Style :

23.65 Kg / 5 USG / Can  
4.73 Kg / USG / Can

### 使用說明 :

組合成份數目 : 2

塗施層面 : 1

稀釋 : 不需調薄

適用底漆 : ---

適用面漆 : 永保新, 永美, 優麗漆, 氣化橡膠系, 油性系面漆

混合比 : 主劑: 鋅粉=35:65(重量比)

塗裝方法 : 無氣噴塗, 刷塗

無氣噴塗要求 : 噴嘴尺寸 : 0.017"~0.021"  
二次空氣壓力: 3~5 kg/cm<sup>2</sup>  
與噴塗物距離: 30~50 cm  
壓縮比 : 33:1或更大

### 包裝 :

23.65Kg / 5 USG / Can  
4.73 公斤 / 美卡 / 罐

### Material Handling :

1. All equipments must be cleaned immediately after use.
2. When used inside tanks or holds, sufficient ventilation must be provided.
3. Steel surfaces must be blast-cleaned to SIS Sa 2 1/2, with moderate roughness (45 ~ 60 microns).
4. Keep away from heat sources.
5. Can be applied during 0°C ~ 40°C ambient temperature and 40 ~ 95% relative humidity.

### 注意事項:

1. 各項工具於使用完畢,須立刻洗淨.
2. 於貯槽內施工時,須注意予以充分通風.
3. 鋼鐵表面必須噴砂除銹至 SIS Sa 2 1/2, 並使表面保持適當粗度 (45~60 微米).
4. 遠離熱源.
5. 溫度 0 ~ 40 °C, 大氣中相對濕度在 40 ~ 95% 時,均可施工.



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