



3,000 hours
Salt Spray Test.
5% Salinity

優麗單液型銹轉化鱗片鋅粉維護防銹漆 One-pack Polyurethane Maintenance Primer No.700



ASTM G 53-91,
3000hrs Light Fastness Test



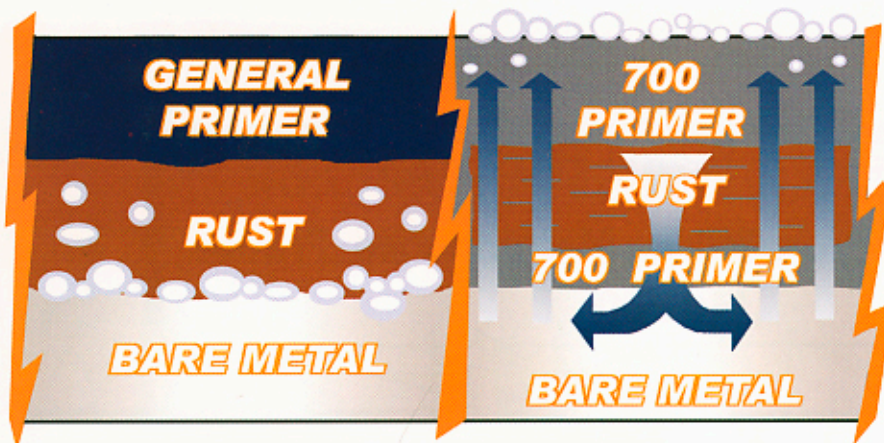
ASTM D3359-92a,
Adhesion Test

- A one-pack, moist curing type of primer that based on polyisocyanate resin along with rust inhibitors such as zinc powder, flake and rust-converter.
- Used on steel structures, bridges, tanks and steel piping for touch-up and rust inhibition
- One-pack package can result to cost-effectiveness and time saving.
- Moist curing type of coating can be applied under highly humid environment.
- Excellent permeability to surface due to low viscosity of coating. It can tightly seal and adhere the steel structure surface and its rusty facade.
- Suitable to the rusty steel surface that can only be cleaned by hand or by high pressure water but is unable to clean by blasted.
- Excellent chemical & water resistance and weatherability.
- It is fast to dry so as to shorten application period.
- 由聚異氰酸酯(Polyisocyanate)樹脂配合鋅粉及鱗片、轉銹劑等防銹顏料精製而成之一液濕氣硬化型之防銹底漆。
- 鋼構、橋樑、桶槽、管線各種鋼鐵製品等之防蝕及修補用。
- 單液成份，施工簡單、省時省工。
- 濕氣硬化型塗料，可在高濕度環境條件下施工。
- 低黏度對銹面有優越的滲透性，可完全封閉且緊密結合銹面與鋼材。
- 可適用於無法做噴砂防銹、僅以高壓水或手工除銹後之鐵材面上。
- 耐化性、耐水性及耐候性特優。
- 乾燥迅速、縮短工期。

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此濕氣硬化型防銹底漆藉其優異之滲透性功能，可將藏於銹層及金屬之空氣及濕氣驅趕至外部，並將銹層包覆及固定於金屬面，因而達致優良的抑銹及防銹效果。

This moist curing type of primer, with excellent penetrating power, drives out trapped air and moisture that cause rust to the exterior surface, and holds the rusty layer firmly onto the metal surface, thus produces outstanding rust-inhibition effect.

Technical Data :

Hiding Power	: Above 10.0 m ² /L
Weight	: Above 2.2Kg
Viscosity(25°C)	: 80~110 KU
Drying Time (25°C)	
Set-to-touch	: 30 mins
Dry hard	: 3 hrs
Optimum Film Thickness	
Wet	: 100 μ (Microns)
Dry	: 60 μ (Microns)
Theoretical Coverage	: 38.0 m ² /Gal, 10.00 m ² /L, 4.55 m ² /Kg
Overcoating Intervals(25°C)	
Min.	: 3 hrs
Max.	: 30 Days
Non-volatile Content	: Above 70%
Storage Shelf Life	: Minimum 6 months under normal storage conditions

技術資料:

遮蓋力	: 10平方米/公升 以上。
重量	: 2.25 公斤以上。
黏度(25°C)	: 80~110 KU。
乾燥時間(25°C)	
指觸	: 30 分鐘以內
堅結	: 3 小時以內
漆膜厚度	
濕膜	: 100 μ (微米)
乾膜	: 60 μ (微米)
理論塗佈量	: 38.0平方米/加侖, 10.00平方米/公升, 4.55平方米/公斤
塗料間隔	
最少	: 3小時
最多	: 30天
總不揮發成份	: 70%以上
貯藏安定性	: 正常情況下，至少六個月。

Typical Results 測試結果

Test Description 測試項目

1. Salt Spray Test.
鹽霧試驗

沒有塗700漆膜



Test Method 測試方法

CNS 10757 K6801

已塗700漆膜



2. 3,000hrs Light Fastness Test
3,000小時加速耐候試驗
(螢光紫外線照射試驗)

ASTM G 53-91

3. Adhesion Test
附著力試驗 (方格試驗)

ASTM D 3359-92a

(Material Research Laboratories 工業技術研究院)

Details 測試詳情

時間	3,000小時
試驗槽溫度	35°C
鹽水濃度	5%
落霧量	1.3ml/80cm ² /h
收集到鹽水pH值	6.5

Results 結果

塗膜表面無起泡，
無生銹現象

60°C 紫外線暴露4小時/
50°C 噴水冷凝4小時。
連續循環3,000小時

塗膜表面無起泡，
無生銹現象

5B (5B表示經方格試驗塗膜表面無剝離現象)