



## 關於保耐美

### About Polymaid

Polymaid Chemical Ltd. is specified in the production of special coating systems, e.g. Epoxy Flooring Anti-static Epoxy Flooring, Polyurethane Coating, Water-based Polyurethane Coating Acrylic Enamel, etc. That is widely used in the area of civil construction, flooring, stadium, etc. Apart from supplying to the local projects, it is also exported to other Asian countries

保耐美化學有限公司主要生產(Epoxy)環氧樹脂, 水性環氧樹脂, PU聚氨酯甲酯乙酯等特殊塗料, 廣泛使用於工業地台, 貨倉, 運動場及停車場。除供應本地之產業外, 更外銷至中國, 東南亞等多個地區及國家, 且獲各界客戶一致的好評及肯定。

為求公司的永遠向前經營及拓展精神, 並關注生態環境保護, 我公司在近來積極研發減少對環境生態有污染之塗料, 因此我投入更多人力, 物力致力於水性Epoxy及PU, 從而減少對自然生態的損害。

## 基礎工程施工之要求

### Requirements for Primer application:

**Foundation:** Design data reference for levelness, water drainage levelness and thickness.

**基礎層:** 平坦度, 洩水坡度及厚度依設計師數據參考設計。

**Superstructure:** Water-proof treatment required so as to prevent the negative influence or even destroying the application of epoxy flooring by increment of water level.

**級配層之上:** 應作好防水處理, 以防止地下水位上升影響甚至破壞環氧樹脂面層的施作。

### Concrete floor slab or AC layer:

surface require high level of evenness, but perfect levelness not required thus best to have slightly rough surface finishing.

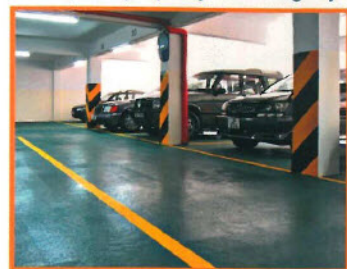
Its normally requires 3-4 weeks to have the concrete floor slab to reach its optimum condition for application.

To be sure that the AC layer was hardly compressed with no hollow portion and allowed for 2-4 weeks to reach its optimum condition for application.

### 混凝土或AC面層:

其表面須力求平整, 但無須粉光, 且表面必須有微粗糙之表面, 混凝土層之養護時間須達到養護期3~4星期。

AC層面必須要求確實配實, 不得有空殼情形產生, 表面須完全達到養護, 養護時間需求為2~4星期。



↓  
保耐美環氧樹脂無縫地臺漆

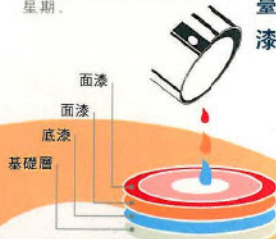
## 環氧樹脂面層施工要求

### Requirements for epoxy flooring application:

To clean and clear the sub-floor slab and make sure that its foundation works upon to the required standards. Prior to the start of epoxy flooring application, the applied area must have less than 8% water content or to be approved by the on-site engineer. According to on-site situation to tailor-design the elastic joint.

施工前業地的整理, 清潔, 並確定基礎工程是否達到施作要求, 測試欲施作業地其含水率須在8%以下之要求, 或經材料原廠駐地工程師核可後, 方得進行環氧樹脂工程鋪設。

依據現場業地狀況伸縮縫, 以達到完全物理特性之標準。



## 產品應用方面

食品, 化學, 電子, 醫藥, 商場, 室內外運動場等之生產廠房地面及空間; 特別要求無縫, 不收縮, 耐磨, 耐刮, 耐沖擊, 耐溫, 耐酸鹼, 防水, 防油, 防塵, 防磨蝕之地台; 金屬, 水泥, 木材等表面材料。

## 產品測試標準

刷塗性	硬度	耐水性(24h)
刷塗後無痕, 對底材無影響	≥2H	不起泡, 不脫落
塗膜顏色及外觀力	附著	耐磨性(g)
塗膜平整, 光滑	≤0%	≤0.039
細度	遮蓋	耐洗刷性(次)
≤35微米	≤45(g/m <sup>2</sup> )	>10000

油掃

滾筒

噴塗

## 聯繫我們

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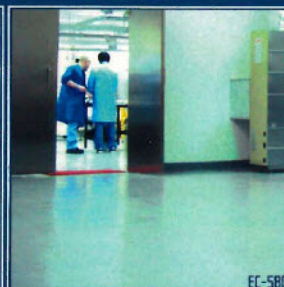
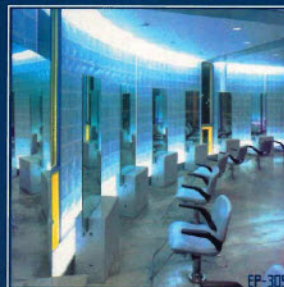
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各項產品應用及施工法

### Epoxy一底二塗

3 layers system

**Characteristics:** Good aesthetic appearance, seamless, dust-proof, anti-bacteria & mothproof.

**特性:** 1. 外觀亮麗, 無接縫, 具防塵、防菌、防霉之特性。

**Fast application and economical.**

2. 施工迅速, 經濟實惠。

**Easy cleaning and simple maintenance.**

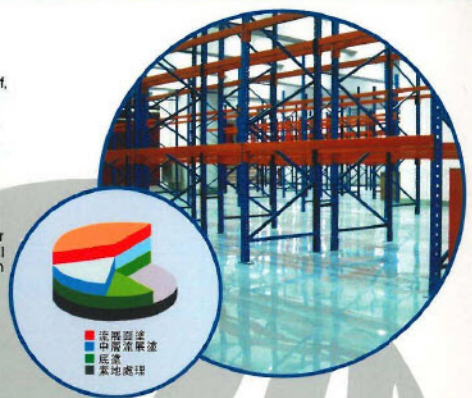
3. 容易清洗, 保養簡單且容易。

**Usage:**

Applied to the wall, ceiling and floor surface for most manufacturing plants as an economical dust-proof, anti-bacteria and mothproof protection coating.

**用途:**

適用於各種廠房之牆壁、天花板、地板的防塵、防菌、防霉之經濟型塗裝。



### Epoxy流展法

Self-leveling Epoxy

**Characteristics:** Evenness, seamless, good aesthetic appearance, heavy duty & high bonding ability & conformity.

**特性:** 1. 具平坦無接縫, 外觀亮麗舒適, 經久耐用, 接著力強一體成型。

**Hard surface with fine texture, dust-proof, anti-bacteria, mothproof & easy cleaning.**

2. 表面堅硬細密, 防塵、防菌、防菌, 易沖洗。

**High level of anti-abrasion, non-conduction, chemical-resistance, water-proof & water repellent.**

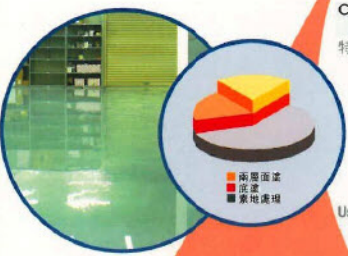
3. 耐磨、絕緣、耐藥品性、耐酸鹼、不透水、不吸水之特性。

**Usage:**

G.M.P Pharmaceutical manufacturing plants, hospitals, dust-proof environment, testing laboratories, electronic plants, servers' room, food plants, production mills, fiber plants, sophisticated equipment plants, luxury apartments, office, optical factories, P & D factories, chemical plants package room, operation theatres, etc.

**用途:**

適用於G.M.P.製藥廠, 醫院, 防塵室, 無菌室, 實驗室, 電子廠, 電腦室, 食品廠, 紡織廠, 纖維廠, 精密儀器廠, 高級住宅, 辦公大樓, 光學廠, 清加工廠, 沖印暗房, 溜冰場, 化工廠, 包裝室, 手術室等之用途。



### Epoxy樹脂及快乾砂漿流展法

Epoxy Flooring with Self-leveling Mortars

**Characteristics:** Highly resistance to heavy pressure, impact and abrasion.

**特性:** 1. 高耐重壓, 高耐衝擊, 耐磨耗。

**High bonding ability, hard to peel-off, crack with fine texture, water-proof & water repellent.**

2. 接著力強, 不剝離, 不龜裂, 材質細密, 具不透水, 不吸水性。

**Highly resistance to weather & temperature different, no properties change, no contraction, non-conductive, chemical resistance, anti-corrosion, etc.**

3. 耐候, 耐溫差, 不變形, 無收縮, 絕緣, 耐油, 耐藥品性耐強酸鹼之特性。

**Usage:**

Widely used for those applications required highly resistance to heavy pressure, impact and abrasion flooring materials, e.g. transportation stations, piers, bridges, warehouses, cold rooms, operation aisles for mechanical handling equipment, kitchens, air-plane runways, water plants, generator plants, electrical plants, etc.

**用途:**

適用各種場所之所需耐壓、耐磨、耐衝擊, 如車站、碼頭、橋梁、倉庫、冷凍倉、推高機之走道、廚房、機場跑浪、水壩工程、重機油廠房、發電廠、電機廠等等之地坪鋪設。



### 產品應用技術性資料

材料名稱	編號	主劑	固化劑	容量比例	適用範圍	特性
Epoxy底漆(溶劑)	EP-305	3公升 1.5公升	1公升 5公升	3:1 3:1	生產車間及貨倉, 停車場, 貨物裝卸, 木材, 金屬之底層	• 低溫下, 硬化良好 • 耐化學藥品性佳, 耐水, 耐有機溶劑性優異
Easypack面漆優化學樹脂(溶劑)	EC-115	14公斤	-----	-----	一般輕工生產線, 貨倉, 製衣及輕電子生產車間	• 使用簡便, 不需混合固化劑 • 塗膜表面光澤性優異 • 低溫下, 硬化良好
Epoxy面漆薄塗樹脂(溶劑)	EC-415	3公升 1.5公升	1公升 5公升	3:1 3:1	一般輕型及重型生產線, 貨倉食物裝卸區, 化工, 食品, 電發生產車間及停車場	• 溶劑型, 耐變黃塗料 • 表面塗膜光澤性優異 • 於低溫, 高溫度下可施作
Epoxy面漆自流樹脂(油性)	EC-425	1.5公斤	3公斤	5:1	重型及特殊地面要求之生產線高科技電子廠生物研究室, 化學物理生產廠, 重型設備生產車間及貨倉	• 耐腐蝕, 耐化學藥品性佳, 耐毒性 • 塗膜表面光澤性優異 • 物理強度優異
Epoxy抗靜電(溶劑)	EC-580	2公斤 12公斤	1公斤 6公斤	2:1 2:1	對防靜電要求特高之生產線, 半導體生產廠, LCD生產廠, 微電腦生產廠及貨倉	• 黏度底, 接著性強, 易操作 • 可抗靜電性優異 [1×10 <sup>5</sup> - 1×10 <sup>8</sup> Ω(歐姆)]
Epoxy聚氨基甲酸乙酯(溶劑)	EC-400	3公升 1.5公升	1公升 5公升	3:1 3:1	球場, 停車場, 辦公室, 廠房等水泥地面; 各類金屬石棉, 木材, 纖維等表面; 亦可作為全屬防鏽, 化學工程的鋼筋防蝕及浸在水中物質的保護之用。	• 具特殊堅硬, 抗紫外光等功能 • 對高度磨損, 容易損壞, 被化學品, 酸鹼侵蝕等地方, 均能提供良好的保護。

### Epoxy樹脂砂漿流展法

Self Leveling Epoxy with quartz & sand

**Characteristics:** High mechanical strength, resistance to press, impact resistance to abrasion.

**特性:** 1. 機械强度高, 耐重壓, 耐衝擊, 耐磨耗。

**High bonding ability, hard to peel-off, crack and with fine texture, water-proof & water repellent.**

2. 接著力強, 不剝離, 不龜裂, 材質細密, 具不透水, 不吸水性。

**Highly resistance to weather & temperature different, no properties change, no contraction, non-conductive, chemical resistance, anti-corrosion, etc**

3. 耐候, 耐溫差, 不變形, 無收縮, 絕緣, 耐油, 耐藥品性, 耐強酸鹼之特性。

**Usage:**

Widely used for those applications required highly resistance to heavy pressure, impact and abrasion as flooring materials, structural and gaps filling, e.g. transportation stations, piers, bridges, warehouses, cold rooms, markets, kitchens, oil plants, electronic plants, generator plants, electrical plants, chemical plants, G.M.P pharmaceutical manufacturing plants, hospitals, walkways, foods plants, etc.

**用途:**

適用各種場所之所需耐壓、耐磨、耐衝擊, 如車站、碼頭、橋梁、倉庫、冷凍庫、市場、廚房、重機油廠房、電子廠, 發電廠, 電機廠, 化工廠, G.M.P.藥廠, 醫院, 行人道, 停車場等。



### Epoxy抗靜電流展法

Anti-Static Epoxy Coating

**Characteristics:** This specialty coating contains selective electro conductive pigment which reduce the static charge of the substrate, with leakage resistances of 1×10<sup>5</sup> to 1×10<sup>8</sup>Ω ohm. Also, this coating can avoid ignition risks resulting from electrostatic charges and the interference of electronic instrument and equipment.

**特性:** 保耐美EC-580是一種雙組份環氧樹脂溶劑型抗靜電塗料, 此種塗料具有抗靜電功能, 擴散靜電功能可達1×10<sup>5</sup>-1×10<sup>8</sup>Ω, 此外, EC-580還可避免因過多靜電而發生火警。

**Usage:**

Suitable to be used in production line which requires anti-static flooring and the industries such as the semi-conductive, LCD, micro-computer and electronic manufacturing and warehousing facilities.

**用途:**

適用於對抗靜電要求特高之生產線, 半導體生產廠, LCD生產廠, 微電腦生產廠, 電子廠及貨倉等地面。

**Colour**

Colour will change to dark for colour number SF-235 / SF-202 / SF-203 / SF-208.

**顏色**

如用本司色咭 (SF-235 / SF-202 / SF-203 / SF-208) 顏色會變為深色

