



慶泰樹脂



MF-107

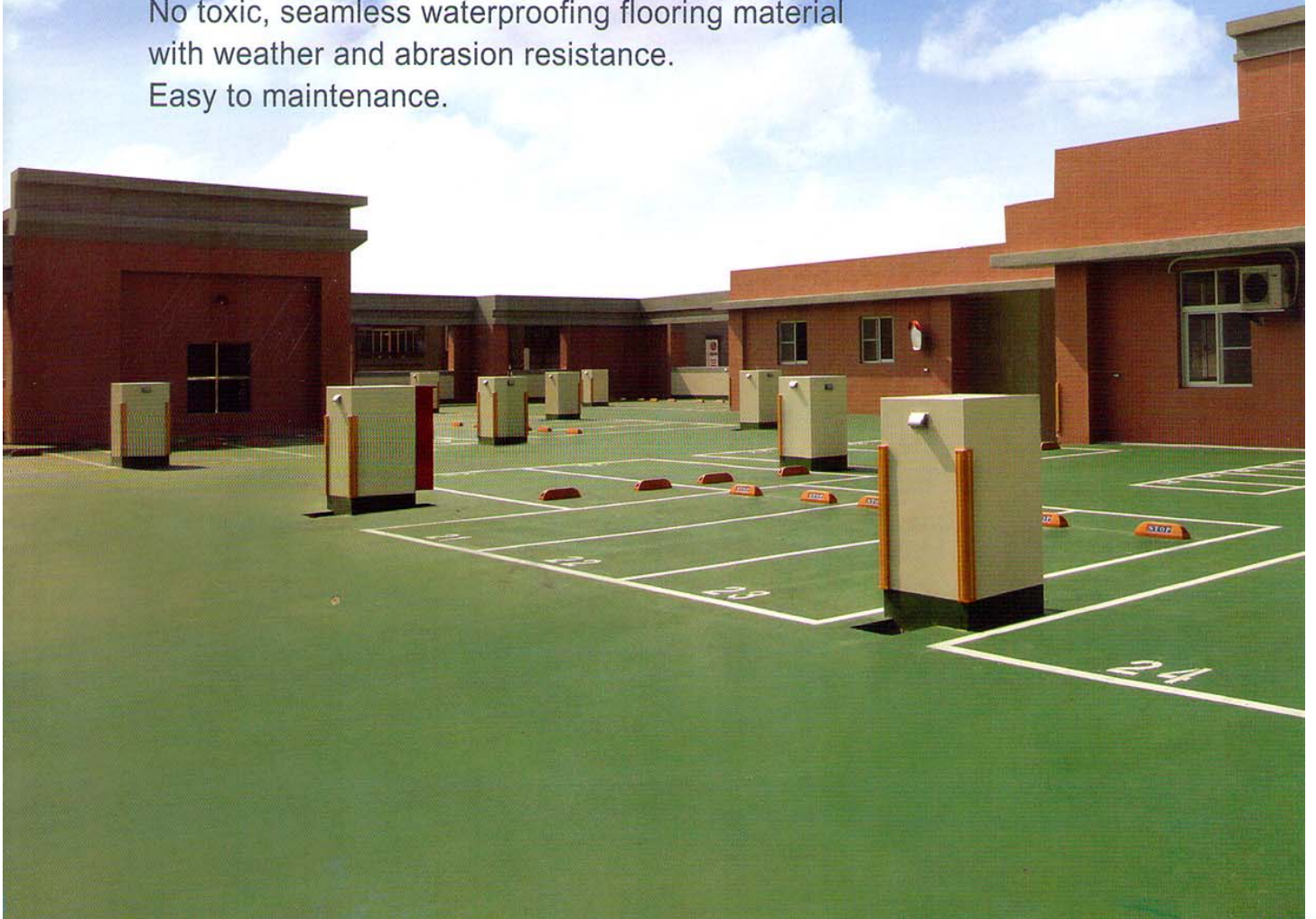
超速硬化耐磨防水地坪

Fast Curing And Heavy Duty Waterproofing Flooring Material

具有耐候、耐磨、無接縫、無毒性
具有防水、容易保養等特殊功能

No toxic, seamless waterproofing flooring material
with weather and abrasion resistance.

Easy to maintenance.





MF-107系列耐磨地坪

MF-107 heavy duty flooring material

超速硬化聚氨基甲酸酯防水耐磨鋪設材係精選低污染性的MDI改質並經高鏈結聚醇精練而成之聚氨基甲酸酯高機能材料，形成高密度的鏈結結構，具有堅韌、彈性、防水、耐磨、高機械強度、耐污染性等特性，做為長效型的防水、耐磨、地坪美化之高級鋪設材料。

This product (MF-107) is the heavy duty polyurethane flooring material specialized by a fast curing characteristic. This product (MF-107) is begins by reacting polyol with modified MDI. It cures to form a flexible elastic, waterproof, abrasion resistance, high mechanical strength and dust proof properties. This product (MF-107) is ideal for areas that required long-lasting waterproof, abrasion resistance flooring system.

● 特性 Features :

- 具彈性、柔韌性、步行舒適性。

Excellent elasticity, flexibility and comfortable to walk on.

- 防震動、減噪音、耐撞擊。

Excellent vibration resistance, noises damping and highly impact resistance.

- 高水密性、防水、耐酸雨污損。

Highly impermeability, waterproofing and acid rain resistance.

- 耐油性優、防油污損傷。

Excellent oil and stain resistance

- 低磨耗損失、耐久、耐磨損破壞。

Abrasion resistance and long-term durability.

- 反應快速、施工容易節省工期。

Fast reaction, easy to application and can reduce the application time.

- 耐候、耐老化、保養經濟、可長效使用。

Excellent weather resistance, aging resistance and low maintenance cost.

- 無接縫、可彩化、美化環境。

Seamless surface, decorative finish and landscaping.

- 不含任何揮發成份、100%固體成份、可安全施工及使用。

100% solid content, safe to use.

● 物性: Physical properties CNS 6987 試驗方法 (CNS 6987 Testing method)

| 試驗項目 | Testing Items | 試驗結果 | Results |
|-------------|---------------------|------------|---------------|
| 抗拉強度 | Tensile strength | 5000kPa 以上 | 5000kPa above |
| 撕裂強度 | Tear strength | 200N/cm 以上 | 200N/cm above |
| 伸長率 | Elongation | 200% 以上 | 200% above |
| 硬度(Shore A) | Hardness(shore A) | 70 以上 | 70 above |
| 耐磨耗性 | Abrasion resistance | 1.0g 以下 | 1.0g below |

MF-107系列耐磨地坪

MF-107 heavy duty flooring material

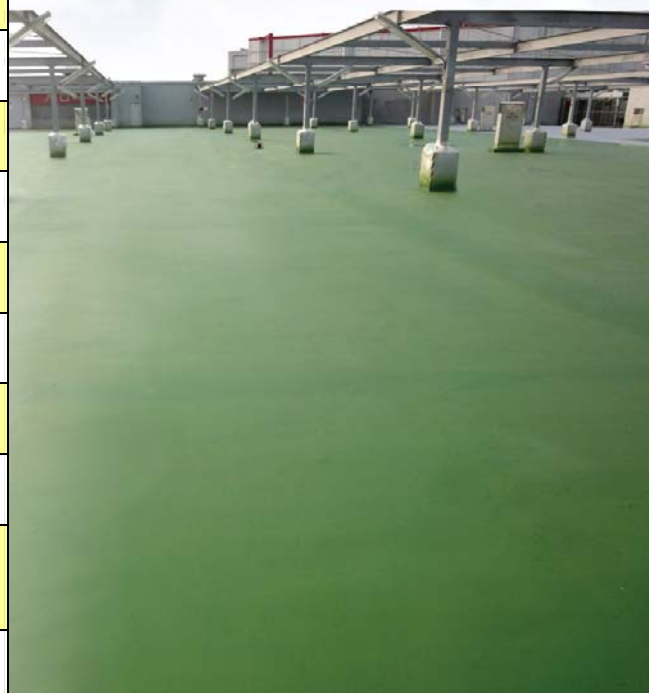


● 用途 Usages :

- 室內彈性地床、室內外停車場、屋頂防水停車場。
Indoor and outdoor parking lots and roofs.
- 室內外步道、廣場、體育館等運動場所地床。
Indoor and outdoor floors, square and stadium floors etc.
- 兒童遊戲場所地床、溫泉、游泳池等水上設施之池畔。
Children's playground and swimming pool etc.
- 工廠倉庫、防撞擊地板、電子廠、食品廠、藥廠等潔淨室地床。
Flooring for warehouse, electronic component factories, food production factories and pharmaceutical production floors etc.
- 百貨公司、超市走動頻繁之耐磨防水地床。
Flooring for highly foot traffic areas such as department store and supermarket.
- 辦公室、器材室、電腦室、教室地床、醫院、療養院、防滑耐磨地床。
Flooring for office, equipment room, computer room, classroom and hospital etc.

● 性質 Physical properties :

| | |
|---|--|
| 混合比例 Mixing ratio | MF-107 : MF-107A = 20 : 14 |
| 固成份 Solid content | 99% 以上(混合漆) 99% above(mixed) |
| 比重 Specific gravity | 1.15 ± 0.05 |
| 黏度(cps / 25°C) Viscosity(cps / 25°C) | 4000 ± 1000(混合漆) 4000 ± 1000(mixed) |
| 可操作時間 Pot life | 10~20 分 / 25°C 10~20 mins / 25°C |
| 指觸乾燥 Tack Free time | 2~3hrs / 25°C |
| 完全硬化 Full cured | 4~8 天 4~8 days |
| 塗裝間隔 Recoat time | 4~48hrs / 25°C |
| 塗佈量 Coverage | 1.2kg / m ² (1mm 厚) 1.2kg / m ² (1mm thickness) |
| 調薄劑 Thinner | 請勿添加任何溶劑調薄劑 Do not dilute with any thinner |
| 閃火點 Flash point | 130°C 以上 130°C or above |
| 儲存期間 Shelf life | 12 個月 12 months |
| 溫度限度 Application temperature | 建議施工溫度 10°C ~ 35°C Applied between 10°C ~ 35°C is recommended |
| 可荷重時間 Loading time | 48hrs / 25°C Over 48 hrs / 25°C |





MF-107系列耐磨地坪

MF-107 heavy duty flooring material

耐藥品性 Chemical resistance :

| (JIS K-5400) | | 試驗結果 Result |
|--------------|------------------------|-------------|
| 檸檬酸(5%) | Citric Acid(5%) | 良 Good |
| 醋酸(5%) | Acetic Acid(5%) | 良 Good |
| 硝酸(5%) | Nitric Acid(5%) | 可 Ordinary |
| 鹽酸(5%) | Hydrochloric Acid(5%) | 可 Ordinary |
| 硫酸(5%) | Sulfuric Acid(5%) | 可 Ordinary |
| 氫氧化鈉酸(10%) | Sodium hydroxide (10%) | 優 Excellent |
| 燃油 | Fuel oil | 良 Good |
| 糖水 | Sugar solution | 優 Excellent |
| 乳酸(5%) | Lactic Acid (5%) | 優 Excellent |
| 二甲苯 | Xylene | 可 Ordinary |



● 注意事項 Limitation :

1. 當素地潮濕時請勿施作。

Do not apply when surface is not completely dry.

2. 施工前應將素地表面之雜質、塵埃、油渣去除乾淨。

Surface must be dry, clean and free from oils, grease or other contaminants.

3. 環境溫度低於 5°C 時請勿施作。

Do not apply when temperature is below 5°C.

4. 塗佈施工作業中，請遠離火源，並保持空氣的流通。

Avoid all sources of ignition during application. Provide adequate ventilation during application.


5. 地坪含水率判定：Measurement of moisture content

- A. 新建混凝土素地需養生 30 天以上方能施工。

New concrete should be cured for at least 30 days before application.

- B. 含水率測試：可用電子式含水率測定儀測試，需低於 8% 以下，另亦可用 60*60 透明塑膠膜覆蓋，再以膠帶封邊，待四小時後如有結露於塑膠膜，則表示含水率過高，不可施工，若未見水滴沾附，則表示可施工。

Moisture content test: Test the moisture content by using the moisture meter. The moisture content should be below 8%. Another method to test the moisture content is using the clear PE film (by the size of 60*60) to cover up the surface and sealed the edge with tape. Wait for four hours to see there has any dew on the PE film; do not apply if the PE film has any dew on it.

 廣泰樹脂化學股份有限公司

總公司：台中縣大甲鎮幼獅工業區工二路 50 號

洽詢專線：TEL：04-26816835-9 FAX：04-26811361

網址：<http://www.chingtai-resins.com.tw>

E-MAIL：service@chingtai-resins.com.tw

台北營業所：TEL：02-22392356 FAX：02-22392357

高雄營業所：TEL：07-7497891 FAX：07-7497893