



# SL-1401

## EPOXY裂縫封口膠

SL-1401 EPOXY crack sealing compound

台灣盛隆建材股份有限公司

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[www.shenglong.com.tw](http://www.shenglong.com.tw)



結構裂縫補強材

## 『產品特性』 Product character

Epoxy 裂縫封口膠為兩液型無溶劑型膏狀不垂流，可用於立面及倒吊面施工，可用於常溫硬化的封邊、補土修補用，主要用於混凝土結構物龜裂修補之灌注封邊及大裂縫填充補土及鋼板補強灌注Epoxy之封口封邊，硬化後放熱性低、收縮係數小，高強度、抗壓、抗彎、抗拉、耐衝擊性、耐磨損性良好、施作性優，接著力優，對水泥附著良好，是結構修補填縫專用材，特別適用於道路、橋樑等土木建築縫修補工法。

EPOXY crack sealing compound is two component type solvent free paste. It is suitable for the vertical face or the hanging face. It is for the edge banding and filling repair in the normal temperature. It is mainly use for concrete structure crack repair injection edge banding and big crack filling and fill the opening of steel board strengthen injection Epoxy. After it harden, it is with low exothermicity, contraction, high strength, tensile strength, bending strength, shock resistant, wearable and the good constructive and adhesion. it is good for road and bridge and other civil construction crack repair.

## 『產品用途』 Product function

- 大理石鐵件固定，結構補強緊急修補。  
Marble iron piece fasten, structure strengthening urgent repair.
- 結構補強固定基座，鋼筋外露修補防銹。  
Structure strengthening fasten support, exposed steel bar rust-proof repair.
- 金屬，木材，水泥塑膠接著用及填縫。  
Metal, wood, cement and plastic jointing and crack filling.
- 結構裂縫填縫，地坪修補、鋼版補強封邊。  
Structure crack filling, terrace repair, steel board strengthening and edge banding.
- 蜂巢表面修補。  
Structure comb surface repair.

**低壓灌注補強針筒**，是專門針對結構壁體裂縫所設計，針筒之橡皮筋能將藥劑輕易注入裂縫內，取代手推式注射器。舉凡各式結構建築構造物，如高速道路、橋樑、住宅等，都有可能因為建築物老化、內部應力不當之內部因素或是施工不良、地震、基礎不均勻沉陷等外部因素而發生裂縫。而裂縫發生只是一個預警現象，嚴重者，甚至會發生建築物坍塌等情況。一般而言，裂縫會影響整體結構的強度(抗減強度、抗拉強度、抗彎曲等)、混凝土剛性問題(有效斷面缺損，所有應力由鋼筋承受)、鋼筋強度降低(裂縫導致外在不良因素進入，致使鋼筋脆化、腐蝕、握裹力降低)、水密性等等，最終影響混凝土整體壽命安全。



The low pressure injection strengthening syringe is specially designed for the structure wall crack. the rubber band of the syringe can easily inject the medicament into the crack. and it replace the hand-push type injection syringe. Cracks are in kinds of structure building, such as highway, bridge house etc. because of building ageing, the wrong internal stress and other internal factors, or bad construction, earthquake unevenly sink of the foundation and other external factors. Crack is an early warning. What's worse, the building may cave. Generally speaking, the crack will affect the strength of the structure(shearing strength, tensile strength, flexural strength etc.),the rigidity of concrete(effective section defect, the steel bar bears all the stress), reduction of steel bar strength (crack may bring in the external bad factors and make the steel bar embrittlement, corrosion and reduce the bond stress), water impermeability etc. finally it may impact the useful life and safety of the concrete.

## 『產品說明』 Product description

**主要成份：**環氧樹脂、石英砂。

main material: EPOXY resin, quartz sand.

**儲存方式：**

應存放於陰涼乾燥處，避免陽光直接照射及風吹雨淋，請勿儲存 -5°C以下低溫或高溫處放置。

storage method: keep it in dry and cool place, avoid sunshine or rain. Do not store in the temperature is below -5°C or high temperature.



低壓灌注針頭組

Low pressure injection syringe set

## 『產品說明』 Product description

- 重量：A:5KG/1 B:5KG/1。Weight: a component 5kg/1gallon in barrel. /b component 5kg/1gallon in barrel.
- 配比：1:1。Proportion: 1:1.
- 顏色：灰白色。Color: off-white
- 保存期限：6個月內使用。Storage time: 6months

## 『注意事項』 Note

- 環氧樹脂會因溫度改變而影響操作性，一般高溫反應速度加快，低溫時反應速度變慢，但物性不會改變。

The operability of EPOXY will change with the different temperature. The reaction speed will be quick when the temperature is high while the reaction speed will be slow when the temperature is low. But the physical character won't change.

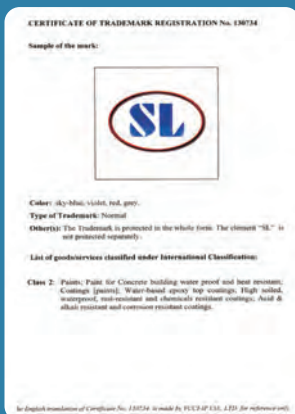
- 本產品為無溶劑配方，但須注意不可讓兒童接觸，觸及眼睛需以大量清水清洗並速送醫治療。

This product is solvent free. But do not let the children touch. If it attach your eyes, clean it with large sum of clean water and then go to hospital.

**Note:** 本說明書的內容是建立在於真實準確的數據與理念上，供材料使用者參考，由於無法改變控制施作時天候所造成之材料質變等各種不確定因素，所以我們無法負責保證現場施作所得之結果。請詳閱我方所提供之產品說明，我方銷貨條件及有關聲明和建議，都不可用來違反法律規則或侵犯第三者利益。

The content of this manual is created on real and precise statistics and principles as a reference for material users. As some factors can not be made sure such as material qualitative change by different climates, we are not responsible for the result because of different construction conditions. Please read our product instructions, selling conditions and related statements and suggestions, which are not used to violate law rules or to invade the right and advantage of third party.





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