



台灣盛隆建材股份有限公司

Taiwan Shenglong Architecture Material Co., Ltd

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



# SL-350

## 水性底漆改質強化劑



## 水性底漆防水材

## 『產品簡介』 Introduction

SL-350水性底漆改質強化劑-係壓克力丙烯酸酯共聚物，屬硬性樹脂乳液，親水性無毒，乳膠本身與水泥基密合性佳，滲透性優良，對後續防水施作上更有加乘之效能。

SL-350 water-based primer modification and strengthening agent - acrylic copolymer, is a hard resin emulsion, hydrophilic and non-toxic, the latex itself has good adhesion to the cement base, and has excellent permeability. It is suitable for subsequent waterproofing applications. More multiplication effect.

## 『產品特性』 Product Characters

### 1. 施工方便 Easy to be worked

不需特殊工具與技術便可自行施工，不論是以機器噴塗或以滾輪，毛刷…等均可簡單快速施作，在潮濕面上也可直接塗刷施工。

Special tools and skills are no need, it can be constructed by ourselves. Easy to be worked by machine spraying, roller, and brush...etc. It also can be constructed on wet surfaces directly.construction.

### 2. 接著力強 Good adhesion

其微小之分子，針對結構表面的孔隙及微細裂縫，能達到有效之滲透及確實的接著，表面再施作任何水性防水塗料，都有很好的接著性及附著力。

Its tiny molecule aiming to the pores and slight cracks on structure surfaces can reach effective penetration and adhesion. Any hydrophilic waterproof coating over its surfaces will have good adhesion.

### 3. 具透氣性 Good ventilation

施作於地坪潮濕面上，不會因潮濕或反潮等狀況而導致膜體起泡、脫離，接著不良…等現象。

While construction on wet surface on terrace, the phenomenon of membrane blistering, falling off, and inferior adhesion would not be caused because of wet or back wet conditions. Good ventilation, and concrete can breathe normally.

### 4. 表面強化 Surfaces strengthening

噴塗施作於混凝土或是水泥砂漿粉刷層表面，其微細之丙烯酸酯分子，能滲透到孔隙及微細裂縫內，達到有效且深層的膠結與封填，形成一層韌性薄膜，將一些無法刮除的劣質面層包覆固化，強化表面的強度，如針對老舊的結構面上因長期受水侵蝕、風化所產生的混凝土剝離、起砂情形，可拌合適當比例之水泥漿，塗刷在施作之範圍(表面須達可接受之堅實面)，其聚合物之分子除可滲透進入弱化之結構表面毛細孔內(達到錨釘之作用)，外表面更會形成一扎實的樹脂砂漿面，強化後續材料接著效果及強化結構表面。

Spraying construction on the surfaces of concret or cement mortar brushing layers, its tiny acrylic acid molecule can penetrate into pores or slight cracks to reach an effective and deep glued situation and filling to form a layer of tenacious thin membrane, which can cover some inferior stuff to reinforce the intensity of weak layers, such as improving of concrete falling off, abrasive situation, or inferior adhesion on old structure surfaces caused by longterm water erosion, efflorescence and so on... . Aiming to previous situations, appropriate cement cream can be mixed and adjusted. While put it on constructed scope (acceptable firm surface is necessary), not only the polymer molecule can penetrate into weak structure surface pores (reaching anchoring effect), a firm resin mortar surface will be made outside for strengthening following material adhesion effect and structure surface.



## 5. 素地追隨性 Ground construction

在不平整之結構面上，均可施工一體成形、無接縫，孔隙與不平整面亦可完全覆蓋。

Even on not even structure surface, it can make unity-shaping, no joints surface to cover uneven one.

## 6. 無毒性 Non-toxic

SL-350不含有甲苯類有機揮發性溶劑，施工安全，不含氰化物，氯化物及重金屬(鉛、鎘、水銀)等有害物質。

SL-350 mixes no toluene organic evaporating solvent, safe to be worked, no cyanide and heavy metal (lead, cadmium, mercury)...etc. harmful materials. It is suitable to the waterproof of drinkable reservoir.

## 7. 養護功效 Curing Effect

噴塗施作於新澆灌的混凝土，其微細之丙烯酸酯分子，能滲透到毛細孔隙及微細裂縫內，達到有效且深層的膠結與封填，形成一層韌性薄膜，預防混凝土中的水分快速蒸發，不用澆水養護，亦可使其不受雨水侵襲、風化與紫外線天候侵蝕影響下，延緩及降低其所受之侵蝕與影響。

While spraying on new worked concrete, its tiny acrylic acid molecule can penetrate into pore and slight cracks to reach an effective and deep glued situation and filling to form a layer of tenacious thin membrane, which can prevent from quickly water evaporation. Water pouring and curing compound are not necessary, and it will not be affected and invaded by rain, efflorescence and ultraviolet rays to delay and reduce its performance.

## 8. 水密性 Watertightness

添加在水泥砂漿中，可以增加水密性，減低吸水性，增強砂漿韌性，可預防熱脹冷縮造成嚴重龜裂。

Add it into cement mortar can increase watertightness, reduce water absorption, reinforce mortar toughness, and prevent from serious crack of expand when hot and shrinking when cold.

## 『產品用途』 Product Uses

適用於:新建工程及翻修工程水性防水層底部打底接著及強化。

其他用途於:橋樑、樓板、外牆...等剛灌漿好的表面養護，防水粉刷添加劑，粉化面強化處理。

It is suitable to be as based adhesive and intensifier of new building and rebuilding works. Others: for new finished grouting surface curing, waterproof painting additive, and pulverization face strengheness of bridges, floors, outside walls...etc.

## 『施工前要求』 Before Working

需將附著泥漿打除，劣質敲除，表面機械打磨，飛塵吸(吹)淨。

Clean attached mortar, inferior stuff, polish machine, and blow away dust are necessary.



**產品物性：** Product Physical properties

主成分 Main Materials		水性壓克力系丙烯酸共重聚合物 Hydrophilic acrylic cyanoacrylate multiple polymers		
外觀 Appearance	非揮發性物質 Non evaporation material	黏度 Adhesion	PH值 PH Vaule	最低造膜溫度 Lowest Membrane Temperature
白色乳液 White Lotion	>40%	0.3P~1P(25°C)	6~8	21°C

**材料配比：** Material proportion

施工位置 Working Place	SL-350	清水 Water
新建工程防水打底 Waterproof bottoming of new building construction	1	5
翻修工程防水打底 Waterproof bottoming of rebuilding construction	1	3
混凝土養護劑 Concrete curing	1	4
防水粉刷 Waterproof painting	1	10
粉化面加固 Pulverization face strengthness	1	3 (加適量的新鮮水泥) (Add appropriate fresh cement)

**▲ 使用注意事項：** Usage hints

- ▶ 室內外氣溫如在5°C以下，相對溼在（85%以上）避免施工。

Do not construct under the environment of below 5°C (indoor/outdoor temperature), and above 85% alternative humidity.

- ▶ 材料正常初凝時間為1.5~3小時(25°C)，如施工時濕度過高或氣溫過低，請注意材料後續是否如預期之固結成形，如有因天候之影響無法如預期固結成形時，需再重新補施作。

Normal initial solidifying time is 1.5~3 hours. Pay attention to working humidity and see if the solidifying is proceeded as expected. Re-work is necessary is solidifying could not be finished because of climate influence.

- ▶ 新澆置之混凝土結構體需有28天養生期，待養生期過後再行施作，較可讓達到良好之品質（養護除外）。

New concrete structure body need 28 days resting period. Do waterproof work after resting period to make it better (except curing).



- ▶ 施作之素地面儘量保持乾燥，如有積水等現象時請將施工面上的積水清除。

Keep ground surface dry. Clean off accumulating water on construction surface before construction.

- ▶ 施作之素地面上，如有油漬或可能導致防水層接著不良之化學質時，請先將其清除後，在污染處磨除再從新施作底塗。

Clean out greasy stuffs or residual chemicals to avoid bad waterproof performance on working ground before construction. Do polluted surfaces coating work on polluted places.

- ▶ 請按照材料拌合之比重完全拌合後方可使用。

Mix materials totally with percentage instruction before using.

- ▶ 底塗材之附著力決定後續防水之穩定度，施工請注意正確施作程序，須在先前的材料初凝固化後，方可繼續施作。

The attached strength of ground coating decides the stability of continuous waterproof work, thus correct working procedures are needed. Completed initial solidifying before each waterproof laying construction is necessary.

## 『安全防護注意事項』 Safty and Protection

- ▶ 施工前材料拌合之周邊需做好防護及保護措施，鋪設防護板及帆布等避免污染。拌料時需被放置一空桶承裝滿清水作為人員清洗之用。另一空桶則為清洗攪拌器具及清洗施作工具之用。

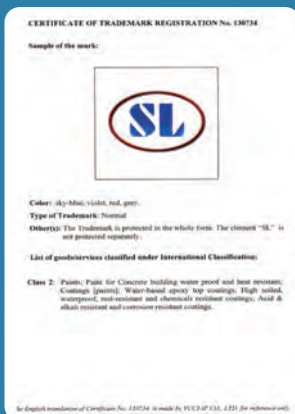
Protecting measures around the sides of materials mixing before construction is necessary, protecting boards and canvases laying work is suitable for pollution avoiding. A barrel which clear water is in is must while material mixing which is for staff's cleaning. The other barrel with clear water is necessary for cleaning mixing tools or other working tools.

## 『包裝』 Packaging

20kg/桶(5加侖圓塑膠桶) 20kg/barrel(5 gallons in round plastic barrel)

200kg/桶(50加侖圓鐵桶) 200kg/barrel(50 gallons in round iron barrel)





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