

LATEX-520

英泥添加劑（界面劑）



產品簡介

迪高牌 LATEX-520 英泥添加劑（界面劑）乳液是丙烯酸聚合物乳液。LATEX-520具有優異延展性、高強拉伸強度及拉伸黏結強度，適用於多種不同的基底材料。它與水泥、填料和添加劑具有良好的相容性，因此提供了廣泛的應用，如撒沙仔，水泥漿黏結層和其它聚合物改性水泥砂漿。

用途

- 適用於新舊混凝土或底層砂漿批盪底油工程。
- 混凝土維修砂漿。
- 適用於多種不同的基底材料，改良及增強水泥砂漿之用。本產品跟水泥混凝土及砂漿相容的。
- 配合 **DEGO BP328/BP388** 批底層批盪料作為批盪底油或撒砂仔施工使用。
- 配合 **DEGO F128** 地臺砂漿作高強度的地臺砂漿使用。

性能特點

- 低揮發性有機化合物含量。
- 改善及增強水泥砂漿的強度。
- 改善黏結強度及拉伸強度。
- 高聚合物減少滲水。
- 減少收縮和開裂。

技術資料

產品特性	LATEX-520
聚合物	丙烯酸
外觀	水性分散體
顏色	白色
固含量	>48
揮發性有機化合物（VOC）含量	13g/L
PH值	6-7
包裝規格	18KG/桶，200KG/桶
保質期	未打開桶包裝內12個月

注：以上為典型的實驗室條件下測試資料，實際性能可能會因應現場施工環境和基底情況不同而略有差異。

建議配比及技術資料

重量比例	界面漿	牆身批盪/地臺砂漿	撒沙仔
水泥	1-1.5kg	50kg	50kg
砂	-	125kg	125kg
LATEX-520 乳液	1L	9L (5-12.5L)	10L (10-12.5L)
清水	-	15L (12.5-25L)	15L (12.5-25L)
覆蓋用量, m ² /L	~4	5-10	6.5-18.5
乳液用量 (L / m ²)	0.15-0.18	0.05-0.10	0.05-0.15
28天 拉伸黏結強度, MPa	5.7	4.2	2.0
28天抗壓強度, MPa	-	20	-
28天抗折強度, MPa	-	4.8	-

注：以上為建議配比及其典型實驗室條件下測試資料，實際性能可能會因應現場施工環境和基底情況不同而略有差異。建議配比及性能會受當地環境、水泥性質、沙粒徑大小及水份、相對濕度等因素影響。

表面處理

混凝土底層基面必須堅硬，完好，整潔及無污垢物。使用前，應將所有灰塵、油漬、其它污垢物以及所有鬆散物料清理乾淨，並預先用清水淋濕，晾乾無明水後方可施工。

攪拌

根據建議配比，把適當份量的**LATEX-520**及清水按比例預先混合。再把分別量好份量的水泥及沙等的材料，一同加入乳液中攪拌，用附有合適攪拌葉的低速電鑽進行機械攪拌約3 – 5分鐘或直至均勻沒有塊狀後即可使用。

使用施工：

界面漿

用油漆掃或滾筒把界面漿塗於基面上，待界面漿表面略乾帶黏時，可進行下一步工序。如界面漿完全乾固，則要塗上新的界面漿。

牆身批盪/地臺砂漿

加入迪高LATEX-520乳液的批盪及地台砂漿會提供更好的黏結力而無需使用界面漿，但我們建議使用乾粉砂漿時配合迪高LATEX-520乳液作界面漿以取得最佳效果。

撒沙仔

用合適的工具把沙仔平均地撒向施工的範圍，待3 – 7天後可於其表面批上批盪層。

使用限制：

迪高LATEX-520乳液一般情況下配合水泥、砂混合使用，不能單獨使用。

產品貯存

產品應存放在陰涼乾燥的室內，用托板離地貯存，托盤卡板及塑膠圍膜保持原封防止破損，避免過度迭壓，否則可能會導致效果變差或者爆桶。有關安全搬運、儲存的資訊和建議以及化學產品的處置，使用者應參考最新材料安全資料表（MSDS）包含物理、生態、毒理學等安全相關資料。

建康與安全

DEGO Latex-520不含毒性，但會刺激皮膚、眼睛及呼吸系統。在使用過程中，應戴上合適的防護手套及護眼罩。一旦接觸皮膚，應用清水沖洗。若接觸到眼睛，應立即用大量清水沖洗，盡快就醫診治。容器必須蓋緊，切勿倒入水渠。

LATEX-520

WATER RESISTANT BONDING AGENT AND MORTAR ADMIXTURE



Product introduction

DEGO LATEX-520 is an acrylic polymer emulsion. LATEX-520 has excellent ductility, high tensile strength and tensile bond strength and is suitable for a wide range of substrate materials. It is compatible with cements, fillers and additives and therefore offers a wide range of applications such as sanding, cement paste, and other polymer modified cement mortars.

Application

- Suitable for new and old concrete or bottom mortar construction projects.
- Concrete repair mortar.
- Suitable for a variety of different base materials to improve and enhance cement mortar. This product is compatible with cement concrete and mortar.
- Use **DEGO BP328/BP388 BASE PLASTER** batch bottom batch to be used as a primer or sanding construction.
- Use **DEGO F128 FLOOR SCREED** for high strength floor mortar .

Product Features

- Low VOC content.
- Improve and enhance the strength of cement mortar.
- Improve bond strength and tensile strength.
- High polymer reduces water seepage.
- Reduce shrinkage and cracking.

TECHNICAL DATA

Product Characteristics	LATEX-520
Co-polymer Type	Acrylic acid
Supplied State	Aqueous Solution
Colour	White
Solids Content	>48
VOC Content	13g/L
pH Value	6-7
Packaging Size	18kg , 200kg per pail
Shelf Life	12 months in a sealed container

Note: The above are typical laboratory test results and can vary slightly depending on the ambient and substrate conditions during application

Prescribed Mix Proportions And DATA

	Bond Coat	Render / Screed	Spatterdash
Cement	1-1.5kg	50kg	50kg
Sand	-	125kg	125kg
DEGO LATEX-520	1L	9L (5-12.5L)	10L (10-12.5L)
Water	-	15L (12.5-25L)	15L (12.5-25L)
Mix Coverage (m ² /L) , m ² /L	~4	5-10	6.5-18.5
Latex-520 Coverage (L / m ²)	0.15-0.18	0.05-0.10	0.05-0.15
Bond (MPa) At 28 Days, MPa	5.7	4.2	2.0
Compressive At 28 Days, MPa	-	20	-
Flexural At 28 Days, MPa	-	4.8	-

Note: The ideal mixing proportions and resulting test data are highly depending on the quality of cement, sand grading, moisture and environments. Test results, yield and coverage are based on laboratory analysis, site results may vary.

Surface treatment

The base of the concrete floor must be hard, in good condition, clean and free of dirt. Before use, all dust, grease, other dirt and all loose materials should be cleaned and pre-soaked with clean water and dried before construction.

MIXING

According to the recommended ratio, pre-mix the appropriate amount of **LATEX-520** and clean water in proportion. Then add a small amount of cement and sand, etc., together with the emulsion, stir it, and use a low-speed electric drill with suitable stirring blades for mechanical stirring for about 3 – 5 minutes or until there is no block.

APPLICATION METHOD

Bond coat

Apply bond coat on the substrate using stiff brushes or rollers and wait until the bond coat becomes tacky. Re-apply when the bond coat dried.

Render/Screed:

Renderers and screeds modified with **DEGO LATEX-520** will exhibit improved bonding performance and may not require a bond coat, however, **DEGO LATEX-520** bond coat is recommended for best results especially when using a dry-mix screed workability.

Spatterdash

Spread the spatter-dash slurry evenly onto the substrate 3-7 days before rendering.

Product storage

The product should be stored off the ground with a pallet in a airy and dry room, The tray card and plastic film should be kept intact to prevent damage and avoid excessive lamination, otherwise it may lead to poor effect or agglomeration.

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet (MSDS) containing physical, ecological, toxicological and other safety-related data.

Health and safety

DEGO Latex-520 is non-toxic but can cause irritations to persons with sensitive skin, eyes and respiratory system. Wear suitable protective gloves and masks while handling the product. If contact with eyes, rinse immediately with plenty of clean water and seek medical advice. Keep container tightly closed any dry. Do not empty in to drains.

Note: The information contained herein is, the best of our knowledge, true and reliable and is supported by the present state of our knowledge. No warranty is given or implied in connection with any recommendations or suggestions made by us or our representatives as the conditions of use and any labour involved are beyond our control.