

USA \* CANADA \* EUROPE \* HONG KONG \* SINGAPORE

Unique for waterproofing and protection



Core-proofer

**SOLUTION TO ALL LEAKAGE PROBLEMS**



[www.corelink-group.com](http://www.corelink-group.com)





### Description

Core-proofer is a Nanotechnology waterproofing product that probably replaces or out-performs all the existing sealants, adhesives, membranes and coatings in the market.

Core-proofer is invented to provide weatherproof and durable waterproofing powers perfectly for use in bonding most building substrates such as concrete, stucco, masonry and metal. It can be widely adopted by all kinds of industries and be applied on areas typically as:

- ◆ Structural Foundations
- ◆ Tunnels and Road Works
- ◆ Dockyards and Bridges
- ◆ Exterior and Internal Walls of Buildings
- ◆ Roof Tops and Floorings
- ◆ Swimming Pools, Embankments and Bathrooms
- ◆ Water Pipes and Tanks
- ◆ Marine Works
- ◆ Mechanical Systems

### Product Features

- ◆ Excellent weatherability
- ◆ Unlimited impermeable
- ◆ Environmental friendly
- ◆ High elasticity and puncture resistance
- ◆ Anti-corrosion and acid & alkali resistance
- ◆ Usable on wet circumstances
- ◆ Intense temperature tolerance (will not have deteriorations between -40°C and 250°C)
- ◆ Fast curing time (60 minutes for preliminary, 24 hours for water testing and 7 days for permanency)

### Agent/ Distributor:

### Application and Processing Methods

1. Remove all loose particles, dust, grease and other contaminants from substrate surface.
2. Mix the two compounds in weight ratio A:B=1:2 by a simple stirrer and set for use within 60 minutes. Over which, the mixture will become solidified.
3. Apply mixture evenly onto substrate surface by brush, roller or spray, or by injection to repair slits and cavities. 1kg of Core-proofer mixture can apply on smooth flat surface with approximately 1.5 to 2 m<sup>2</sup> area at around 1mm thickness for general waterproofing. For water tank and swimming pool, 3mm thickness mixture is suggested which can tolerate up to 7 bar water pressure.
4. Excess Core-proofer on edge can be cleaned by wet cloth. No fabric or film is required as immediate layer. Do not apply twice on same area to avoid damage of the preceding work.
5. Core-proofer can be added to cement or mortar for construction works. The mixing ratio of cement and Core-proofer mixture is 9:1.
6. Use soapy detergent and water to clean tools and hands (it is recommended to wear protective clothing and gloves).
7. If eyes were contaminated, flush them with clean and running water for not less than 10 minutes. A doctor should then be consulted.

### Technical Specifications

Appearance	Compound (A) : Light yellow liquid Compound (B) : White paste
Mixing Ratio	(A):(B) = 1:2
Curing Time	60 minutes for preliminary, 24 hours for water testing and 7 days for permanency
Yield	1 mm thickness for regular situation of 2 bar water pressure and 3 mm for high water pressure up to 7 bar
Coverage	1 Kg for 2 square meters under normal situation
Cement Unity	Mixture of (A) & (B) : Mixture of Cement Mortar = 1:9
Storage Life	2 years in original sealed condition at room temperature
Packaging	4.5 / 15kg per set (A+B)

### Physical Properties (BS 6319 Standard)

Property	Value	Days at Test
Compressive Strength (Part 2)	5.8 Mpa	14
Flexural Strength (Part 3)	3.6 Mpa	14
Slant Shear Strength - hardened concrete to hardened concrete (EN12615)	6 Mpa	7
Slant Shear Strength - fresh concrete to hardened concrete (EN12615)	6.3 Mpa	28
Tensile Strength (Part 7)	1.67 Mpa	14
Modulus of Elasticity in Compression (Part 6)	0.4 kN/mm <sup>2</sup>	14





## 藍金剛 防滲補漏劑

源自美國納米科研，是迄今面世最出色之補漏防滲材料，其耐久性、防水性與安全性均超越市面一般同類產品。

### 產品特性

- 不含毒素、苯或焦油，合符環保原則
- 耐高低溫及富柔韌性，能抵受冷縮熱脹及重壓衝擊
- 高拉力與高黏固力，可加入水泥沙漿中同時使用
- 水溶性，可在潮濕環境下或積水場地上施工
- 附合英國 BS6319 規格、中國國家標準



### 應用範圍

- 基建結構及修築管線之補漏防滲工程
- 屋宇頂層及地台與內外牆身之防水防潮層膜
- 由於不含毒性，可用作儲水設備及輸水喉管之防漏保護
- 各類金屬系統的防銹處理

### 使用方法

- 先清除施工點上之塵屑油污
- 將A與B材料以比例1:2充份攪拌混合。混合品需於60分鐘內使用，避免因超時而起固化
- 以油掃、灰匙、噴塗或灌漿方式施工。每壹公斤藍金剛約計可在1.5-2平方公尺平面以1mm厚度施工，便可作一般防水用途。如需要抵受高水壓如水池，水箱，和游泳池等便需要塗上3mm厚度，可抵受60公尺以上水壓。
- 收口時用濕毛巾把過多藍金剛抹去。此外，藍金剛另一優點在於免除任何膠布，紙張等作間隔。一次施工便已足夠，切忌在24小時內重複在原地施工
- 若配合水泥沙漿使用，可以攪拌妥當之藍金剛，以此例1份加進9份水泥沙漿中混和後施工

### 主要技術指標

項目	評審標準	數據	測試日數
抗壓測試	英國 BS6319	5.8 MPa	14 天
抗彎測試	英國 BS6319	3.6 MPa	14 天
抗拉測試	英國 BS6319	1.7 MPa	14 天
與混凝土黏固力(乾混凝土對乾混凝土)	英國 BS6319	6 MPa	7 天
與混凝土黏固力(濕混凝土對乾混凝土)	英國 BS6319	6.3 MPa	28 天
收縮程度	香港房屋署	無裂痕	28 天

### 產品規格

材料形態	材料 A: 淺黃色液體 材料 B: 淺灰至白色膏體
混合比例	(A) : (B) = 1 : 2
固化時間	初固 60 分鐘, 24 小時可試水及 7 天後永久固化
用量	每壹公斤以 1mm 厚度塗布約 1.5 - 2 平方公尺 高水壓工地如泳池, 水缸和水底管道可塗布 3mm 以上厚度
儲存期限	在室溫下不解封可保存 2 年
包裝	4.5 / 15 公斤(kg)套裝(A+B)

### 注意事項

- 施工時宜穿戴手套。皮膚或工具上沾染之材料，可以視液及清水清洗
- 材料若不慎觸及眼睛，須即時以清水沖洗最少 10 分鐘並延醫診治

產品通過英國 BS6319 標準檢定，有關資料可向經銷商索取。

Marketed by : Amport International (HK) Limited

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