



## Core-Cladder

*Solution to all leakage problems on your head top*

Marketed by:

**Amport International (HK) Limited**

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### **Description**

*Core-cladder is a new revolutionary roof top waterproof product that specially designed for outer painting and as immediate layer.*

*Core-cladder can overcomes most of existing elastic materials like (PU) which is lack of durable adhesion and easier to split off. The consequence is that due to physical difference between hard concrete and elastic materials, frequent temperature fluctuation will ultimately attribute to split off and leakage occurs.*

*Weathering and leakage from roof top is annoying to accommodation, Core-cladder can deliver a ultimate and fundamental treatment to all roof top. It has extensive cohesion with concrete in which every molecule can tightly penetrate into micro hole of substrate and cohere altogether. No cracks, no contraction and reach no leakage at all.*

*Core-cladder has a exclusive strength of high adhesive, high tensile and high flexural characters. It can be widely applied to areas typically as:*

- *New and existing roof top – immediate and outer layers*
- *Anti-leakage for large area like carpark and swimming pool*
- *Anti-slippery for large area like expressway and carpark*
- *Protection coating for expressway*
- *Anti-corrosion for industrial and chemical floor area*

### **Product Features**

- *Anti-UV*
- *Unlimited impermeability and adhesion*
- *Water based*
- *High elasticity and high temperature tolerance*
- *Anti-corrosion and acid & alkali resistance*
- *Usable on wet circumstances*
- *Non-toxic, not contain Formaldehyde and Xylene*

### **Application and Processing Methods**

- 1 *Remove all loose particles, dust, grease and other contaminants from substrate surface or insulation tile.*
- 2 *Mix the two ingredients in weight ratio A : B = 1 : 1 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 grouting. 1kg of Core-cladder mixture can apply to smooth flat surface with approximately 1.5 m<sup>2</sup> area at around 1mm thickness.*
- 4 *Excess Core-cladder 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.*



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### **Safety**

1. *Use soapy detergent and water to clean tools and hands (it is recommended to wear protective clothing and gloves).*
2. *If eyes were contaminated, flush them with clean and running water for not less than 10 minutes. A doctor should then be consulted.*

### **Product Data**

|                      |   |
|----------------------|---|
| <b>Appearance:</b>   | Material (A): Light Yellow liquid<br>Material (B): Grey paste                               |
| <b>Mixing Ratio:</b> | (A) : (B) = 1 : 4   |
| <b>Pot Life:</b>     | Approximately 60 minutes  |
| <b>Cure Time:</b>    | 60 minutes for preliminary, 24 hours for further on top procedure and 7 days for permanency |
| <b>Coating:</b>      | Minimum 1mm thickness for immediate and outer layer   |
| <b>Coverage:</b>     | 1kg for 1.5 square meter under normal situation   |
| <b>Storage Time:</b> | 18 month unpacked   |



## 紫金剛

## 室外防漏劑

紫金剛防漏劑是高新技術產品，是迄今面世最出色、最理想的防漏物料之一。

如果在大廈天面用黏固力不理想的彈性物料(例如 PU)作為防漏塗層，由於堅硬的混凝土層同彈性物料間物差太大，彈性物料會過份冷縮熱漲而自我扯離混凝土層，導致滲水，這是一種典型的物理現象；而軟性兼黏固力強的防漏物料則沒有這種缺點，這亦是紫金剛防漏劑特別優勝的地方。紫金剛防漏劑特強的親混凝土特性，除會滲入同層的微孔外，並能令每個分子都緊緊黏附在基料上面，同施工點融為一體，不會龜裂，不會收縮，長遠而徹底地杜絕滲漏情況。紫金剛防漏劑特別適用於大面積防漏，這點，對於新落成的大廈天面防漏施工尤其重要。

### 產品特性：

- 水溶性，可在極潮濕地方施工。
- 優良的柔軟性，可以承受嚴酷的冷縮熱漲。
- 優良的抗紫外線能力。
- 不含焦油、不含甲醛。
- 出色的黏固力。
- 出色的抗酸、鹼、化學品能力。
- 簡單而方便的施工方式。

### 適用範圍：

- 新舊天面防漏 (舊天面無需起底,可直接塗在隔熱磚面)
- 停車場、泳池等大面積防漏。
- 道路、停車場等大面積防滑。
- 大廈伸縮縫防漏。
- 道路保護塗層。
- 化學工業地面防腐蝕塗層。

### 使用比例：

重量計 A : B = 1 : 4 (A、B料混合后可使用時間為 60 分鐘，60 分鐘後開始固化，24 小時後可以在施工面行走。)

### 紫金剛使用方法：

- 先清除施工點雜物(如青苔、泥沙等)至混凝土層、隔熱磚面。把防漏劑混合後充份攪拌，然後以灌漿、刮板、手掃的方式施工。(無論用何種方式，只需一次施工。)
- 施工點的覆蓋層以 1mm 為標準，每公斤物料可覆蓋 1.5 平方米左右。
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### 紫金剛防漏劑力學表

BS- 6319 BS EN-12615:1999

| 測試項目<br>Property | 抗壓強度<br>Compressive<br>Strength<br>( Mpa ) | 抗拉強度<br>Tensile<br>Strength<br>( Mpa ) | 抗彎強度<br>Flexural<br>Strength<br>( Mpa ) | 抗壓彈性模量<br>Modulus of<br>Elasticity in<br>Compression<br>( KN/mm2) | 同混凝土<br>粘結力 Mpa<br>Slant Shear<br>Strength | 抗滲強度 Mpa<br>Anti-Leakage Strength |                |
|------------------|--|--|---|---|--|-----------------------------------|----------------|
|                  |  |  |   |   |  | 混凝土層<br>薄塗 1 mm<br>厚度             | 混凝土層不<br>塗防漏至尊 |
| Day 14           | 30   | 5                                      | 7                                       | 0.3   | 10   | 1.5                               | 0.5            |

- 注意：
- 如不慎沾染皮膚，請用肥皂及清水清洗。
  - 如不慎沾染眼睛，請用大量清水清洗及延醫診治。