

# FLAT 102

## MOSAIC TILE CLEANER

**Stone Cleaner Material for External Walls Surface**  
專業外牆洗石水產品



**THE BEST CHOICE OF MAINTENANCE CHEMICAL**



**漢威化工產品**  
HANWAI CHEMICAL PRODUCTS



## 產品簡介

產品名稱 : 快意 102 紙皮石清潔劑  
Product Name : FLAT 102 Mosaic Tile Cleaner

本公司主要是生產及銷售工商業清潔劑產品。早於三十多年前在開始研製及銷售“快意洗石水產品系列”，在眾多洗石水中，以“快意 102 紙皮石清潔劑”最為普及，由於價錢適中，效果顯著，香港製造，質量保證，因此有很多大小型外牆清洗工程中也推薦“快意102”為清洗工程清潔劑。直至現在，已有很多私人屋苑、房屋署、清潔公司、食物環境衛生署、康樂及文化事務署，物業管理公司等各大小清洗工程中，已採用本公司之洗石水產品。



1 加侖膠樽裝 One Gallon Packing



20 公升膠桶裝 Twenty Litres Packing

## 清洗工程專用清潔劑

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# FLAT 102

## Mosaic Tile Cleaner

*Professional Stonework Cleaning Products*

Product Brochure

### General Description

**FLAT 102** is a high quality chemical product specially formulated to remove deposits on mosaic tile surfaces. It contains anti-bacteria and anti-fungi agents which combat the spread of harmful organisms. Selected cleaning agent to produce a speedy chemical action that lifts out impregnated dirt, watermarks, rust stains, lush coating, carbon soots etc. from the treated surface for easy removal and can remove mortar residues leaving on the treated stone surfaces.

### Features

- Fast & deep penetrating action to provide a wide range of cleaning effect.
- Residual action prevents treated surfaces from yellowing.
- Easy to use (No pre-mixing or surface preparation required).
- It is not contain concentrate acids. It will not influence the structure of the mansion and wall finishing.
- Non-harmful to aluminum windows, stainless steel or aluminum balustrade.
- It is powerful yet safe in wide variety of dilutions and applies.
- It is safe to use on most surfaces, such as floors, walls, swimming pools, building stonework cleaning, undersides of toilets, balconies, and has no damaging effect on the surfaces of mosaic tile, concrete, stone and terrazzo.
- Combination of a number of acids, wetting agents, non-ionic surfactants, metal corrosion inhibitor.

### Applications

#### Suggested Dilution Rate -

For Maintenance or Floor Cleaning	Dilute 1 part of <b>FLAT 102</b> with 2 - 5 parts of water.
For stair and wall Cleaning	Dilute 1 part of <b>FLAT 102</b> with 1 part of water.
Building stonework & wall Cleaning	Use <b>FLAT 102</b> undiluted.

- Wet the mosaic tile surface with water first.
- Apply the **FLAT 102** solution onto the tile surface and allow to stand 5 minutes.
- Scrub the surface with a soft brush, broom or high pressure spray equipment. Then, rinse thoroughly with plenty of water and let dry.
- For heavy duty or building stonework cleaning, Repeat application may be necessary.
- Choose other **HANWAI** Professional Products to remove rust stain, oil, water repellent, oil, or gum.
- We can dilute cleaner in different ratios depending on our necessity.

### External Wall Cleaning Method

The use of cleaning detergent shall be undiluted **FLAT 102**.

### Coverage Rate

- 1 Gallon undiluted Cleaner per 15-20 square metres of surface area
- 20-Litres undiluted Cleaner per 80-100 square metres of surface area.





# FLAT 102

## Mosaic Tile Cleaner

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### Cautions

- **FLAT 102** is a moderate acid based cleaner **FOR PROFESSIONAL USE ONLY**. It must not be mixed with any alkaline cleaning and chloride compound.
- Protection should be made prior to carrying out cleaning job such as plants, tress, balustrade, automotive bodies and glasses.....etc.
- Test by use a little surface areas check that it is suited for purpose presented and certify the product can accepted on the surfaces.
- Please caution when the stone cleanser flow down on the surface, wet the tile surface with water and to sweep the water are necessity.
- Always wear protective gloves in handling and suitable face protection. Do not take internally.
- Avoid contact with the eyes or skins. In case of accidental contact, flush immediately with plenty of fresh water. Keep out of reach of children.

### Packaging

- 4 X 1 Gallon per Box
- 20-Litres plastic pail

### Industries

Specially formulated for use in Industrial, Commercial, Factories, Construction, Food processing plants etc.

### Note

The information contained herein is based on our experience and to the best of our knowledge is true and accurate. Since the actual use by others is often beyond our control, both the information and products are offered without warranty or guarantee as to such use. Further informations of "Safe Use of Chemical". We can be obtained from offices of the Occupational Safety and Health Branch or Labour Department.

PLEASE CONTACT US WHEN YOU HAVE A CLEANING PROBLEM OR APPLICATION THAT NEED OUR ADVICE.





專業洗石水產品系列

# 快意 102

## 紙皮石清潔劑

### 產品簡介

#### 特性

**快意 102** 是一種高品質洗石水產品，專為清洗紙皮石表面而配製。本品含有多種微酸類、表面活化劑、抑酸劑、潔淨劑、潤滑劑，並具備殺菌、環保、防銹及快速滲透作用，能有效提供多種清潔功能，清除各種石質表面或隱藏之污漬、水垢、青苔、碳積物、輕微銹漬及油污等，用後石面光潔如新。

#### 優點

- 具迅速滲透作用，因此能輕易地去除石面之污垢。
- 能有效清潔石質表面污漬，用後不會損害或腐蝕石磚表面及不會影響大廈結構。
- 本品能防止清理後之紙皮石(或其他石質)表面因風化而短期內生銹變黃。
- 本品在任何情況下均呈穩定性，極容易溶解於水中。

#### 使用方法

建議稀釋量-

日常保養或地面清潔	將 1 份 <b>快意 102</b> 用水稀釋在 2 - 5 份清水中。
樓梯級或牆壁清潔	將 1 份 <b>快意 102</b> 用水稀釋在 1 份清水中。
外牆清洗工程清洗	可直接使用 <b>快意 102</b> (無需稀釋)。

本品可與任何比例之水混和，稀釋比例視乎要清洗表面之污漬嚴重情況而增加或減少。

#### 『一般紙皮石表面清洗工序』

- 先用清水弄濕外牆紙皮石、鋁框及玻璃表面。
- 將“**快意 102 紙皮石清潔劑**”原液均勻地用掃或刷塗上要清洗之表面上，然後用軟毛掃刷洗刷表面上污漬。
- 完成洗刷後待紙皮石清潔劑在污漬上滲透約 5 分鐘。
- 再用高壓水機或大量清水徹底清洗石面污漬便可。
- 如石面上還有污漬未能清洗，可重覆以上工序再洗一次。

#### 『頑固污漬表面清洗工序』

位置：如窗眉、窗台、冷氣機台位、英泥膠水漿等頑固污漬

- 清洗前，可以不用清水弄濕紙皮石表面，重覆以上工序清洗。如石面上還有污漬未能清洗，可選用百潔布或鋼絲球洗刷至滿意效果，完成後再用清水徹底沖淨便可。





專業洗石水產品系列

# 快意 102

## 紙皮石清潔劑

### 產品簡介

#### 性質

- 用途：地面、牆壁、樓梯級、露台、大廈外牆翻身清洗工程
- 用處：紙皮石、2 X 4吋石磚等表面污漬
- 特性：淺藍色液體，酸鹼度為3.9，不含鹼水或強酸類成份，使用時不會發出煙或難聞的氣味
- 經濟：每1加侖原液可清洗約15-20平方米  
每20公升桶原液可清洗約80-100平方米

#### 注意

- 本品是一種溫和弱酸性清潔劑，不可與任何鹼性清潔劑及漂白水混合使用。
- 使用前應以小面積角落測試，以確定適用該類石面、玻璃及鋁窗。
- 本品不可內服，勿讓兒童接觸。使用時必須戴膠手套及護眼罩。
- 避免接觸皮膚及眼睛，若觸及應立即用大量清水沖洗。

#### 包裝

- 1加侖膠樽裝、20公升方桶裝、20公升黑桶裝

#### 備註

- 專業外牆清洗工程清潔劑。
- 清洗時要為清洗範圍做足保護措施如植物、樹木、扶手、欄杆、汽車表面及玻璃……等。
- 在特別情況下，如於清洗後表面還留有污漬，應重複洗擦一次，或可直接使用本品(無需稀釋)，以達到理想之效果。如遇特別污漬，應該使用本公司之其他專業清潔劑或洗石水配合清洗，有效地清除紙皮石表面上之頑固銹漬、膠漬、防水油、油漬或其他難洗之污漬等。

#### 工具



可選用清潔掃刷清洗外牆表面污漬



#### 清洗方法程序



可選擇採用刷洗方法

#### 安全設備



護眼罩



膠手套



採用水壓機清洗方法

本品祇供專業人士採用，如遇上任何有關清潔及使用方法之疑問，應立即向本公司查詢

— 本資料說明內容祇供參考，有關於安全使用化學品，可參閱勞工處職業安全及健康部發出的“使用化學品須知”以作參考 —





專業洗石水產品系列

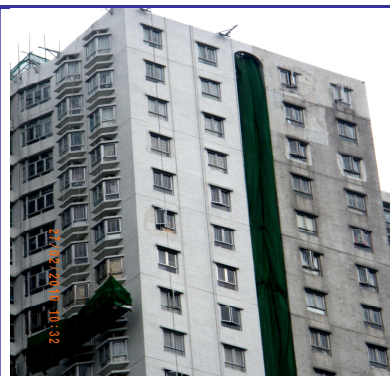
# 快意 102

## 紙皮石清潔劑

外牆清洗工程資料



外牆清洗進行中



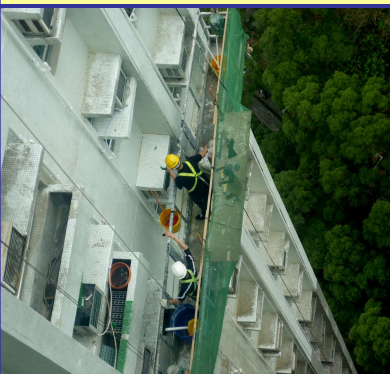
清洗後的分別



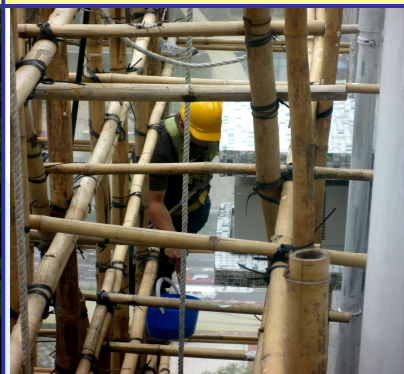
清洗後的分別



清洗後的分別



吊船清洗工程



竹棚清洗工程



使用快意102



純白色紙皮石清洗



不損玻璃及鋁窗表面



有色紙皮石清洗



2X4吋磚面清洗



人造石磚清洗