



# SEALCONE W502

## Hydrophobic Polysiloxanes Agent for Porous Material Surface

### 1.0 Introduction

Sealcone W502 is a ready-to-use silicone resin pore-blocking agent, which is designed for rain proofing of porous materials like marble, granite, concrete and most kind of natural stone surface. SEALCONE is in colourless liquid form; it can penetrate into the substrate without changing the aspect of the surface and to form a hydrophobic layer of concrete and porous surface.

### 2.0 Technical Data

Composition	Binder	: Alkyl alkoxy siloxane
	Pigment	: nil
	Solvent	: Water
Relative Density	0.98 ± 1	
Flash Point	80°C	
Curing rate at	Initial touch	6 hours
20°C/RH65%	Completely cured	24 hours
VOC	Clear	< 75g/L

### 3.0 Typical Application

SEALCONE W502 is suitable to serve as water repellent protection for different kind of façade, pre-cast concrete panel, wall and cladding in form of marble, granite, ceramic tile, bricks, cement based material etc. SEALCONE W502 can be covered by paints, it is micro-porous that it allows substrate to breathe. After application and completely cured, it becomes self-washing and able to prevent growth of mould.

### 4.0 Application Details / Surface Preparation

Surface must be clean and dry; in case of raining, wait at least 24 hours before application. Remove by brushing any loosen parts of the substrate.

#### - By Manual Brush Method

SEALCONE W502 is a ready-to-use product. Do not mix any kind of solvent for dilution. It is necessary to apply the product by brush or roller until saturation of substrate without going back to reapply those surfaces, which has already treated. It is recommended to work from bottom upwards. Except those very porous surfaces, it is just need to apply one single coat. In case a second coat is required, it must apply right after the brilliant aspect coat disappeared.

#### - By Spray Method

A typical set up for airless spray application would be a minimum working pressure on paint of 140kg/cm<sup>2</sup> (2000lb/sq in) with a spray size 0.58mm (23 thou) and a spray tip angle 65°.

### 5.0 Coverage

- (a) For High Dense Concrete – 8M<sup>2</sup>/L
- (b) For Medium Dense Concrete – 6M<sup>2</sup>/L
- (c) For Low Dense Concrete – 3-4M<sup>2</sup>/L
- (d) For Natural Stone – 12 M<sup>2</sup>/L

### 6.0 Cleaning

Use water as solvent

### 7.0 Health and Safety

SEALCONE W502 respective safety label is marked for public attention according to Rule and Regulation. Take necessary precautions on storage and application.

### 8.0 Packing

5 liter/Drum, 20 liter/Drum.

END

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# SEALCONE W502

矽樹脂抗滲水底油

## 1.0 簡介

Sealcone W502 是一種矽樹脂油。它能滲入疏鬆石屎面、磚面、雲石及各類石材物質表層，增強其抗滲水效能。W502 是透明滲透液體，它能滲入石屎及石材基面，但不會改變物質原有外貌及顏色。

## 2.0 技術資料

成份	: 結合劑 - 丙稀 色素 - 無
溶劑	: 二甲苯
外貌	: 油體本身是透明
相對密度	: 0.98 ± 1
燃點	: 80°C
凝固速度 (在 23°C, 50% RH)	
初步凝固	: 6 小時
可供新油層	: 24 小時
VOC	: < 75g/公升

## 3.0 應用範圍

Sealcone W502 是適合用於英泥性疏鬆面、石屎預制件、磚面、雲石及各類石材。使用後，抗滲水效果顯著。W502 可抗防霉菌滋生，並容許內層水氣向外釋出及塗上其它漆油。

## 4.0 應用指示

先將施工面的塵埃清除及保持乾爽。如曾下雨及表面曾被水清洗，應等待 24 小時後才施工。新石屎面層需待 28 天收縮期過後才可施工。

- SEALCONE W502 可用一般油掃從下向上施工。SEALCONE W502 會自動滲入表層，一般情況下，只需塗上一次，毋須重複同一施工面。如在特別疏鬆面上，可塗兩次，但需要在第一層滲入面層後（即油光面消失時），立刻塗上第二層。
- SEALCONE W502 亦可以真空噴塗方法施工，最低氣壓為 140kg/cm<sup>2</sup> (2000lb/sq in)。槍咀直徑約 0.60mm，並以 65° 角度噴出。

## 5.0 覆蓋面積

- (a) 高密度石屎 - 8 平方米/升
- (b) 中密度石屎 - 6 平方米/升
- (c) 低密度石屎 - 3-4 平方米/升
- (d) 天然石材 - 12 平方米/升

## 6.0 清洗

用清水清洗。

## 7.0 衛生及安全

根據法例規定。施工時需保持空氣流通及注意儲存地點。

## 8.0 包裝 / 用量

每桶 20 公升或 5 公升，用量會依據施工面疏鬆程度轉變。