

# PRO CRETE 303 ECO

## BRAND/PRODUCT NAME

**PRO CRETE 303 ECO (2 PARTS)**

## MANUFACTURER

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## PRODUCT DESCRIPTION

**PRO CRETE 303 ECO** is an environmental friendly two parts polymer modified cement use as a repair mortar for concrete. Prepacked in 2 components to eliminate errors in mixing at site. Simply mix Part A and Part B to form a high strength, cohesion, and non-shrink repair mortar.

**PRO CRETE 303 ECO** is formulated with improved adhesion and water repellent properties. It is used widely for patching, filling and levelling cementitious surface or spalling concrete.

## ADVANTAGES

- Factory Pre-blended of high quality product
- Eliminated site error in mixing and application
- Excellent Physical Adhesion Strength at mortar/substrate and mortar/tile interface.
- Suitable for both internal and external.
- Excellent workability.

## USES

**PRO CRETE 303 ECO** is a multi-purpose concrete repair material ideally use for patching worn out surface or filling crack of wall render or floor screed. It can be used as a thin-set bedding material for bedding ceramic tiles, natural or manmade stone.

## INSTALLATION

### **Surface Preparation**

Ensure all dust, oil or any foreign materials are removed from surface before application to achieve maximum result.

### **Mixing**

Mix part A and Part B with a slow mechanical stirrer till homogenous soft paste is achieved. The pot life of the mixture is approximately 60 minutes.

### **Application**

**PRO CRETE 303 ECO** can be trowelled onto substrate. For soffit repairs, mortar must apply in layer of no more than 20mm each.

Allow 4 hours before next successive layer and each layer must be well keyed before trowelled on next layer.

## PACKAGING

**PRO CRETE 303 ECO** comes in a set of

- Part A: 25 kg powder per bag
- Part B: 5 litres liquid per can

Or

- Part A: 4 bags of 25 kg powder
- Part B: 1 can of 25 kg Liquid

## TECHNICAL DATA

### **Performance Properties:**

| Test Method   | Test Method & Results                            |
|---|--|
| Compressive Strength<br>ASTM C109M:2016a  | 45 N/mm <sup>2</sup>                             |
| Tensile Pull Off Strength<br>BS EN 1015-12:2016<br>a) Standard Condition<br>b) After Weathering | > 2 N/mm <sup>2</sup><br>> 1.8 N/mm <sup>2</sup> |
| Stiffening Time<br>BS EN 1015-9: 1999<br>a) 1.0 N/mm <sup>2</sup><br>b) 2.0 N/mm <sup>2</sup>   | > 4 hrs.<br>< 8 hrs.                             |
| Linear Shrinkage<br>ASTM C531:2000(2012)  | > 1.0N/mm <sup>2</sup>                           |
| Yield per bag   | 0.013m <sup>3</sup>                              |

## SHELF LIFE

Approximately 12 months in factory sealed packaging.

**PRO CRETE 303 ECO** should be stored indoor and off the ground on dry area.

*\*High humidity will reduce the shelf life of bagged cementitious product.*

## CAUTION

**PRO CRETE 303 ECO** contains Portland Cement and Silica Sand. May irritate eyes and skin. Avoid contact to eyes or prolong skin contact. Use protective gloves and goggle. Mix in a well-ventilated area and avoid breathing powder or dust.

For further information, consult Safety Data Sheet.

## **Sales and Technical Services PROSPAQ GROUP PTE LTD**

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