

# CAP POLYPATCH

## MORTAR FOR SKIN COAT OR LEVELING

### DESCRIPTION

**CAP POLYPATCH** IS a two component cementitious composition designed as a finishing and leveling mortar for internal dressing or plastering before painting. It fills even small holes and crevices and can provide a perfectly smooth surface. **CAP POLYPATCH** is a blend of cement, chemical admixtures and graded quality aggregates and is enhanced by the addition of a synthetic homopolymer liquid as the gauging solution.

### COLOUR

Grey.

### USES

Uneven surfaces can be leveled and smoothed using **CAP POLYPATCH** IN addition to filling of blow holes and other blemishes on concrete surfaces.

### ADVANTAGES

- Easiness in application by trowelling.
- Leveling coat of **CAP POLYPATCH** CAN produce a smooth surface.
- Subsequent paint coats can be applied with greater economy.
- Excellent adhesion to prepared surface.

### PROPERTIES

#### Component-A : CAP POLYPATCH

**Appearance:** Light grey powder.

#### Component-B : CAP POLYPATCH (SYNTHETIC HOMOPOLYMER LIQUID)

#### **Appearance:**

White.

#### **Specific gravity:**

1±0.02

#### **Mix ratio:**

A: B = 5:1 by weight.

Note: Addition of water in small amounts is permissible to achieve required workability.

### PROPERTIES OF BLEND

Mix density kg/m<sup>3</sup> : 1900 – 2100

Workability : Trowellable putty

Working time minutes at 25°C : 30

Minimum layer thickness : Feather edge

Max. Recommended thickness : 3 mm

### DIRECTIONS FOR USE

#### **Surface Preparation:**

The surfaces for application of **CAP POLYPATCH** MUST be clean and sound. To promote adhesion between **CAP POLYPATCH** AND the underlying substrate, it is recommended to remove all surface laitance by grinding, wire brushing etc. ensuring all dust and debris are removed before the application of **CAP POLYPATCH**. The substrate should be thoroughly wetted before starting and be in moist condition during placing.

#### **Mixing:**

Pour the liquid B into a suitable vessel and stir well with a slow speed drill paddle. The powder, component A, is added slowly until the desired consistency is obtained. The putty can be prepared in pan by mixing with gloved hand.

#### **Application:**

Mix to a smooth trowellable putty and apply by a trowel in one or two coats as required. Following the first coat, subsequent coats may be applied at 4-6 hour intervals, depending upon the surface conditions.

#### **Curing:**

By incorporation of polymer latex, the tendency of mortar to lose water and crack under the strains due to drying shrinkage will get reduced. A good curing practice is still necessary.

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### CLEANING

**CAP POLYPATCH** should be removed from tools with clean water. Remove all splatter and spills with water before material sets. Cured material can only be removed by mechanical means.

### COVERAGE

8 to 9.6 m<sup>2</sup> at 1mm thickness per kit.

### PACKAGING

**CAP POLYPATCH** is supplied as 24kg kit comprising  
Pack A - CAP POLYPATCH 20KG  
Pack B - CAP POLYBOND 4KG

### STORAGE

**CAP POLYPATCH** should be stored over pallets in a cool dry place.

### SHELF LIFE

12 months in unopened bags.

### SAFETY PRECAUTIONS

**CAP POLYPATCH** does not contain toxic materials. Care should be taken to avoid inhalation of dust and to prevent material entering into eyes.

### TECHNICAL SERVICE:

Our Technical Service Department is available at any time to advise you in the correct use of this product or any other Ahlia products.

**Note :** The information presented herein is based on the best of our knowledge and expertise for which every effort is made to ensure its reliability. Although all the products are subjected to rigid quality tests and are guaranteed against defective materials and manufacture, no specific guarantee can be extended because results depend not only on quality but also on other factors beyond our control.

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