

# CAPTHIN PATCH

## POLYMER MODIFIED MORTAR FOR SKIN COAT/LEVELING

### DESCRIPTION

CAPTHIN PATCH is a single component acrylic polymer modified material containing cement, graded sand, fillers and chemical additives for use as a fairing coat. When mixed with water it produces a soft paste like mortar, easy to apply. The mortar adheres firmly to the vertical surfaces. It hardens by drying and hydraulic setting. Hardened material bonds strongly to all suitable surfaces.

### COLOUR

Grey.

### USES

- As a fairing coat for smoothing, repairing, leveling and coating concrete surfaces such as slight honeycombing, blowholes, patch, repairs, defects caused by sand run, shutter movement and grout loss.
- Employed as a preparatory treatment for concrete to receive a thin film protective coating.

### ADVANTAGES

- One component; ready to use; needs only water.
- Precision made consistent results.
- Shrinkage compensating.
- Excellent adhesion to concrete.
- Smooth, easy produced finish.
- Subsequent paint coats can be applied with greater economy.

### PROPERTIES

#### Plastic density:

Approximately 1950 kg/m<sup>3</sup> at 0.32 w/p ratio.

#### Working time:

Approximately 30 minutes at 25°C.

#### Thickness:

Recommended thickness as a continuous coating is minimum 1 mm and maximum 3mm.

### APPLICATION INSTRUCTIONS

#### Surface Preparation:

All surfaces must be structurally sound with all unsound concrete removed by chipping or scarifying. It is recommended to promote adhesion between CAPTHIN PATCH and the underlying substrate. All surface laitance must be removed by grinding; wire brushing etc. ensuring all dust and debris are removed before application. All surfaces should be thoroughly wetted before starting and be in a moist condition during placing.

#### Mixing:

One bag of CAPTHIN PATCH requires approximately 7.8 to 8.2 ltrs of water. Small quantities of CAPTHIN PATCH (up to 10 kg) may be mixed by trowel in a bucket. Full bag quantity should be mixed by slow speed drill fitted with a spiral paddle. Pour cold clean water into the clean container and gradually add CAPTHIN PATCH. Mix thoroughly to disperse all ingredients and to achieve trowelling consistency. Care should be taken to avoid aeration of CAPTHIN PATCH while mixing. Do not use excess water or re-temper CAPTHIN PATCH.

#### Application:

Thoroughly dampen the area of application with clean water immediately before patching. Apply a trowellable paste of CAPTHIN PATCH with sufficient pressure to fill all holes and voids and then trowel to a smooth finish.

CAPTHIN PATCH should be applied to the complete area with minimum trowelling. Finishing may be added by sprinkling a small amount of water onto the surface using a paint brush, before final trowelling. When used as a scrap coat, CAPTHIN PATCH can be applied with a brush or roller and then the excess scrapped off with the edge of a steel float.

# CAPTHIN PATCH

## POLYMER MODIFIED MORTAR FOR SKIN COAT/LEVELING

### Curing:

Good curing practice is essential even though CAPTHIN PATCH is specially formulated to prevent shrinkage cracking. Particular care is required in hot and windy conditions.

### Cleaning:

CAPTHIN PATCH 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

25 kg of CAPTHIN PATCH will yield approximately 16.5 liters of mortar and will cover approximately 8 m<sup>2</sup> at 2mm thickness.

### PACKAGING

CAPTHIN PATCH is supplied in 25 kg bags.

### STORAGE

CAPTHIN PATCH should be stored over pallets in a cool dry place. Shelf life will be 9 months in unopened bags.

### SAFETY PRECAUTIONS

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

Rev. 01 August 2008

#### 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.

**As all Ahlia Technical Data Sheets are updated on a regular basis, it is the user responsibility to collect most recent issue.**