

# FEATHER COAT



## DESCRIPTION:

FEATHER COAT is a one component, polymer modified, cementitious mortar designed for application in thin layers with enhanced adhesion and compressive strength.

## RECOMMENDED USES:

FEATHER COAT is used as a thin layer repair mortar for levelling off surface imperfections on concrete, mortar and masonry surfaces.

It is recommended for:

- Filling surface damaged concrete.
- Re-profiling of damaged corners and edges.
- Fairing coat before application of other coatings.

## ADVANTAGES:

- FEATHER COAT is a single component pre blended powder, and requires only the addition of water.
- Good workability and very thin layer applications.
- High adhesive and medium compressive strength.
- Good resistance to water and chloride ion penetration.

## TECHNICAL DATA

Wet Density: 1.90 to 2.00Kg / Litre

Compressive Strength: 28 Days 30MPa

Pot Life: 20 minutes approx.at 20° C.

Application temp: 5° C to maximum 30° C

Application thickness: 1mm – 3 mm

Mixing ratio by weight:

1 kg of product: 0.330 - 0.340 Lites water.

## PACKAGING

FEATHER COAT is supplied 10 and 20kg Multi wall paper bags. Keep Dry and ensure that it is used prior to the expiry date printed on the bag.

## WATER DEMAND

Mixing ratio by weight:

6.6 Litres water to 20 Kg of product.

3.3 Litres water to 10 Kg of product

## PREPARATION AND APPLICATION DETAILS

All Concrete surfaces are to be free from all oil, grease, loose weak and friable material or anything that will inhibit bond to the substrate. Mechanical methods of preparation such as scabbling, grit blasting, captive shot blasting, needle gunning or similar are ideal methods to ensure excellent mechanical adhesion.

Any existing paints or coatings must be completely removed.

Dampen the concrete surface with water and allow excess water to dry before application.

## MIXING

Pour the required amount of clean fresh water into a suitable mixing container and add the contents of the bag slowly, being careful not to cause the material to clump, while mixing with a slow speed electric drill (less than 600rpm) with mixing paddle. DO NOT ATTEMPT TO MIX THIS MATERIAL MANUALLY.

Mix thoroughly until a smooth, lump free consistency is achieved (normally mixing time 3 minutes at 20°C is recommended).

## APPLICATION

Apply the mixed FEATHER COAT to the prepared substrate using spatula or trowel.

## CLEANING

Clean all tools with water and brush immediately after use.

## STORAGE

Store all cement products in a cool dry area and use within 6 months.

## WARNING

### Risk:

Cements may cause respiratory, skin and eye irritation. Wet cement can be irritating and corrosive to eyes and skin; and may cause skin sensitization(dermatitis). Repeated inhalation may cause bronchitis, silicosis and lung cancer and increase risk of scleroderma.

### Safety:

Avoid contact with eyes and skin, both from wet and dry mix. Do not breath in dust. Wear suitable protective clothing, gloves, eye protection and barrier cream. Wear a suitable dust mask. Wash thoroughly after handling and properly store any leftover material.

### First Aid:

Irrigate eyes with plenty of water and seek medical advice immediately.

### Spills/Leaks

Keep out of sewers and stormwater and dispose off any leftover as trade waste in accordance with local authority guidelines.

Additional info can be had from the brochures or calling 0800 ASK CEMIX.

## DISCLAIMER:

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