



INNOVATION | SUSTAINABILITY | EXCELLENCE

NIRMAAHAN

NGPL MicroEx FC





NGPL MicroEx FC

NGPL MicroEx FC is a Single component polymer modified, self cured fairing coat mortar for concrete surfaces.

NGPL MicroEx FC is a single component acrylic polymer modified repair mortar for use as a "fairing coat" or cosmetic mortar. When mixed with water, as directed, a fine grey trowellable mortar results which can readily be applied to fill in pores, blowholes and blemishes on a concrete surface

NGPL MicroEx FC can be used as a 'skim' coat prior to the application of protective coatings.

NGPL MicroEx FC is specially formulated to produce a shrinkage compensating mortar with no cracking when applied in a thin section. Adhesion to concrete and flexibility are excellent.

Compressive strength at 28 days: 25.5 N/mm²

APPLICATION

As a fairing or skim coat to cover and make good blemishes in concrete surfaces such as slight honeycombing, blowholes, defects caused by 'sand runs', patch repairs, shutter movement and grout loss.

- Preparatory treatment to concrete to receive a thin film protective coating.
- To produce a uniform surface over repaired areas.

ADVANTAGES

- Precision made, consistent results, self cured.
- Requires only the addition of mixing water.
- Shrinkage compensating.
- Excellent adhesion to concrete.
- Flexible.
- Smooth, easily produced finish.
- Low permeability.
- Excellent resistance to freeze / thaw action and carbonation.



ESTIMATING

- 25 kg bags & 40 kg laminated bag packing.

APPLICATION

NGPL MicroEx FC should be applied to the complete area with the minimum of troweling. Leave for a short period before final troweling. Finishing may be aided by flicking a small amount of water onto the surface, using a paint brush before final troweling.

When used as a "scraper coat" **NGPL MicroEx FC** can be applied with a brush or roller and then the excess scraped off with the edge of a steel float. In this way blow holes and minor blemishes in an otherwise fair faced concrete can be hidden.

Deeper **voids** should be filled prior to the application of a cosmetic coating by reducing the amount of water added when mixing to produce a trawable putty like mortar.

It is essential that the **surfaces** to be bonded are sound, clean and uncontaminated. All loose powdering material must be removed. Concrete surfaces should be thoroughly soaked prior to application of **NGPL MicroEx FC**, to ensure a saturated, but surface dry condition.

MIXING

GROUTMAX FINECOAT is formulated to give an easily mixed material. For full bag quantities, it is preferable to mix the material in a Crete angle or similar forced action mixer. Alternatively, a slow speed, hand held electric mixer with a suitable paddle can be used. Over mixing should be should be placed in the mixing vessel and mixing commenced. Clean water should be slowly added up to the recommended maximum or until the required consistency is achieved.

W/P RATIO: 0.25



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COVERAGE

- 25Kg Bag will cover approximately 6.35 m² at 2.25 to 2.5 mm thickness.

STORAGE

- Store in original unopened packaging, in cool dry conditions, away from sunlight, in a flat position.
- **Shelf life:** 12 months from date of manufacture.



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