

# MasterEmaco<sup>®</sup> N 907

Two component polymer modified fairing coat and re-profiling mortar

## DESCRIPTION

**MasterEmaco N 907** is a two-component acrylic polymer modified blow hole filler and reprofiling mortar. It can be applied up to 10 mm.

**MasterEmaco N 907** can be used as a skim coat prior to application of protective coatings.

**MasterEmaco N 907** is specially formulated to produce a shrinkage compensated mortar with no cracking when applied in a thin section.

**MasterEmaco N 907** is a specially formulated blend of Portland cements, selected aggregates and liquid acrylic in a plastic container. The pre-packed components only require on-site mixing to produce a creamy, easily applied mortar.

## TYPICAL APPLICATIONS

- As a fairing or skim coat to cover and make good blemishes in concrete surfaces such as slight honeycombing, blowholes, sand runs, grout loss and shutter movement.
- Preparatory treatment to concrete to receive a thin film protective coating.
- To produce a uniform surface over repair areas

## ADVANTAGES

- Precision made, consistent results
- Pre-gauged liquid, no mixing water
- Shrinkage compensated
- Flexible
- Smooth, easy to finish
- Low permeability
- Excellent resistance to freeze/thaw and action and carbonation
- Reduced ingress of water borne salts
- Greater economy of applied coatings

## PACKAGING AND COLORS

**MasterEmaco N 907** is supplied in a 21.66 kg or 13.3 L packs and available in Light grey.

Powder Component: 16.66 kg bag  
Liquid Component: 5 kg bottle  
Total: 21.66 kg or 13.3 L packs

## TYPICAL PROPERTIES

Plastic density	1626 kg/m <sup>3</sup>
Working life at 25°C ASTM D2471	Approx. 45 min
Compressive strength BS EN 12190	20 N/mm <sup>2</sup>
Pull off bond strength BS EN 1542: 1999	>0.8 N/mm <sup>2</sup>
Rapid chloride permeability ASTM C1202	Very low

## APPLICATION GUIDELINES

### SURFACE PREPARATION

Surfaces to receive **MasterEmaco N 907** should be sound, clean and uncontaminated. The surface should be mechanically prepared to remove laitance. The surface should not be contaminated with oil, grease or paint.

### Surface condition

Surfaces should be thoroughly soaked prior to application. Excess water should be removed prior to application of **MasterEmaco N 907**.

### Deep voids

Deep voids should be filled with the correct product from the **MasterEmaco** range

## MIXING

**MasterEmaco N 907** is formulated to produce an easily mixed mortar. A slow speed drill & paddle can be used or a forced action mixer. Add powder to liquid at a steady rate. Mix for approx 4 minutes. Part mixing can be done provided the ratio of 3.5:1 is observed.

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## PLACING / APPLICATION

**MasterEmaco N 907** is applied by steel trowel. The finishing should be carried out with the minimum trowelling. A small amount of water can be applied to the surface to aid finishing. Leave the applied material for a short time before applying a final trowel.

### Specification clause

All slight surface imperfections should be made good by the application of **MasterEmaco N 907** as manufactured by Master Builders Solutions. Applications should be strictly in accordance with the manufacturer's instructions.

## CURING

Curing is generally not required however during hot, dry and windy conditions the surfaces should be covered to prevent rapid drying. Alternatively, the applied material can be cured with **MasterKure 181**. This product is compatible with most subsequent coatings.

Note: In addition to shrinkage compensation, this product has been designed to develop tensile strength sufficient to withstand the internal stress generated by volume change to reduce the incidence of drying shrinkage cracking.

## CLEANING

Tools should be washed with water immediately after use.

## COVERAGE / YIELD

One unit of mixed **MasterEmaco N 907** will typically yield 13.3 L of mortar.

## STORAGE AND SHELF LIFE

Store out of direct sunlight, clear of the ground on pallets protected from rainfall. Avoid excessive compaction. Shelf life is 12 months when stored as above.

## QUALITY AND CARE

All products originating from Master Builders Solutions Dubai, UAE facility are manufactured under a management system independently certified to conform to the requirements of the quality, environmental and occupational health & safety standards ISO 9001 and ISO 14001.

\* Properties listed are based on laboratory controlled tests.

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### STATEMENT OF RESPONSIBILITY

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### NOTE

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**Master Builders Solutions**  
Construction Chemicals LLC  
P.O. Box 37127, Dubai, UAE  
Tel: +971 4 8090800  
www.master-builders-solutions.com/en-ae



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