

EMACO[®] R907 PLUS

Two component polymer modified fairing coat and re-profiling mortar

Description

EMACO[®] R907 Plus is a two component acrylic modified blow hole filler and reprofiling mortar. It can be applied between 0 to 10mm.

EMACO[®] R907 PLUS can be used as a skim coat prior to application of protective coatings.

EMACO[®] R907 PLUS is specially formulated to produce a shrinkage compensated mortar with no cracking when applied in a thin section. Adhesion to concrete is excellent.

Primary uses

- 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.
- Excellent adhesion to concrete.
- 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

Composition

EMACO[®] R907 PLUS 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 properties

| | |
|----------------------|-----------------------|
| Colour | Light grey |
| Plastic density | 1756kg/m ³ |
| Working life at 25°C | Approx. 45 mins |
| Working life at 30°C | Approx. 30 mins |

Packaging

Powder Component: 16.66 kg Bag

Liquid Component: 5 kg bottle

Total: 21.66kg or 12 litre packs

Application procedure

Surface preparation:

Surfaces to receive EMACO[®] R907 PLUS 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 EMACO[®] R907 PLUS.

Deep voids:

Deep voids should be filled with the correct product from the Emaco range.

Mixing:

EMACO[®] R907 PLUS is formulated to produce an easily mixed mortar. A slow speed drill & paddle

EMACO[®] R907 PLUS

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.

Application:

EMACO[®] R907 PLUS 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.

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.

Equipment care

Tools should be washed with water immediately after use.

Coverage

One unit of mixed EMACO[®] R907 PLUS will typically yield 12 litres of mortar.

Specification clause

All slight surface imperfections should be made good by the application of EMACO[®] R907 PLUS as manufactured by BASF. Applications should be strictly in accordance with the manufacturer's instructions.

Storage

Store out of direct sunlight, clear of the ground on pallets protected from rainfall. Avoid excessive compaction. Shelf life is 6 months when stored as above.

Note

Field service, where provided, does not constitute supervisory responsibility. For additional information contact your local BASF representative.

BASF reserves the right to have the true cause of any difficulty determined by accepted test methods.

Quality and care

All products originating from BASF's 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, ISO 14001 and OHSAS 18001.

11/2004 BASF_CC-UAE revised 02/2006

* Properties listed are based on laboratory controlled tests.

Whilst any information contained herein is true, accurate and represents our best knowledge and experience, no warranty is given or implied with any recommendations made by us, our representatives or distributors, as the conditions of use and the competence of any labour involved in the application are beyond our control.

As all BASF technical datasheets are updated on a regular basis it is the user's responsibility to obtain the most recent issue.