



R3

REPAIR 300

SINGLE COMPONENT POLYMER MODIFIED FAIRING COAT.COSMETIC MORTAR FOR CONCRETE SURFACES

REPAIR

REPAIR 300 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 trowel lable mortar results which can readily be applied to fill in pores, blowholes and blemishes on a concrete surface.

DESCRIPTION

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REPAIR 300 can be used as a skim coat prior to the application of protective coatings. REPAIR 300 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.

PRIMARY USES

- Precision made, consistent results.
- Requires only the addition of water.
- Shrinkag compensating.
- Excellent adhesion to concrete.
- Flexible.
- Smooth, easily produced finish.
- Low permeability
- Excellent resistance to freeze/thaw action and carbon- ation.
- Ingress of water borne salts, such as chloride and atmospheric/ chemical attack.
- Subsequent paint coats can be applied with greater economy.

ADVANTAGES

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TYPICAL PROPERTIES

Density	1700kg/m ³
Compressive strength at 28 days	27 N / mm ²

APPLICATION

REPAIR 300 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 on to the surface, using a paint brush before final troweling. When used as a "scrape coat" REPAIR 300 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.

CURING

Good curing practice is essential even though REPAIR 300 is specially formulated to prevent shrinkage and cracking. Particular care is required in hot and windy conditions.

PREPARATION

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 REPAIR 300, to ensure a saturated, but surface dry condition.

VOID FILLING

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 trowel able putty like mortar.

MIXING

REPAIR 300 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, as low speed, hand held electric mixer with a suitable paddle can be used. Over mixing should be avoided. The powder 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. No more than 8 liters of water per 20 kg of REPAIR 300 should be added.

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COVERAGE

One 20 kg bag of REPAIR 300 will Cover approximately 10 m².

EQUIPMENT CARE

Tools should be washed with water immediately after use.

STORAGE

Store out of direct sun light,clear of the ground on pallets protected from rainfall. Avoid excessive compaction. Failure to comply with the recommended storage conditions may result in premature deterioration of the product or packaging. For specific storage advice consult POLYWED Technical Services Department.

PACKAGING

REPAIR300 is supplied in 20 kg bags.

CAUTIONS

Health and Safety:

As with all chemical products, care should be taken during use and storage to avoid contact with eyes, mouth, skin and food stuffs. Treat splashes to eyes and skin immediately. If accidentally ingested, seek medical attention .Reseal containers after use. Use in well ventilated areas and avoid inhalation.

FOR MORE INFORMATION, PLEASE CONTACT PHONE NO. 00966126204224



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