



EPOXIMORTAR 202

DESCRIPTION

EPOXIMORTAR 202 is a pre-designed formulated specially for repair of soffit, beams, honey combed concrete.

EPOXIMORTAR 202 is a 3 part component system, which consist of epoxy resin, hardener and finely blended, graded aggregates. It is supplied pre-weighed, pre-packed and pre-dosed to eliminate any errors of site mixing. EPOXIMORTAR 202 when applied to a prepared and primed (EPOXIPRIME 201) surface, cures to become a high strength, impermeable and chemical resistance mortar that can be easily applied on overhead situations for high build repair.

EPOXIMORTAR 202 must be used in conjunction with EPOXIPRIME 201 to ensure a cohesive and excellent adhesion system of epoxy repair which properties includes high compressive strengths, abrasion resistance, chemical and grease resistance and can be used for interior or exterior applications.

USES

- High strength epoxy mortar for repair of spalled concrete either in interior or exterior applications.
- In damaged area caused by chemical attack, such as concrete oil tank, it will ensure a long lasting and sound repair to these damage areas.
- In applications where high compressive strength is needed, such as factory or industrial warehouse where the point load can be as high as 45 N/mm².
- In repair of water tanks to stop leakage.
- Under damp conditions, such as toilet areas, etc., it is capable of being impermeable to water when cured.

ADVANTAGES

- Non-shrink properties on repair areas.
- Can be used in high build situations either vertically, horizontally or overhead application.
- Pre-weighed pack eliminates the possibility of errors in site mixing, and unit pack to design such that the exact quantities of Part A, B and C when mixed together gives you a high performance epoxy mortar capable for use in many different situations.
- It is chemically resistant to a long list of acids and other commercial and industrial chemicals.
- Highly impermeable when cured and is capable of resisting abrasion from forklift, trucks and other mechanical vehicles.
- Good adhesion properties when used in conjunction with EPOXIPRIME 201 and is able to adhere to concrete, wood, metallic or non-metallic surface and generally all kind of tiles and natural or unnatural stone.
- It is easily mixed and applied by a trowel.

MIXING AND APPLICATION

All surfaces to receive EPOXIMORTAR 202 must first be cleaned, free from dust, grease, oil and all loose and foreign impurities, then primed with EPOXIPRIME 201 prior to application of the mortar.

The pre-weighed contents are then mixed together starting with the resin and hardener (Part A and B) and finally Part C (The finely graded aggregates) is added to the mix till a well blend consistency is obtained.

The material is then applied with a clean trowel to the primed surface and carefully trowel into place.

For layers thicker than 50-60 mm, application of 2 coats will be necessary to complete the job.

SPECIFICATIONS	
Compressive Strength	> 60 N/mm ² after 7 days
Bond Strength	> 14 N/mm ² (ASTM C882:1978)
Permeability	Impermeable to water
Specific Gravity of mix	2.10 gm/cc
Pot Life	1 – 1.5 hours depending on environment conditions

CONSUMPTION

A set of 6.5kg unit will cover approximately 0.5m² at 10mm thickness of repair area.

PACKING

EPOXIMORTAR 202 comes in 6.5 kg unit.

Asia Mortar

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