



OVERVIEW

CONCREP EPX602 is a non sagging epoxy resin based bedding compound and adhesive. It is designed for use where non-slump characteristics are required. The system consistency makes the product ideal for minor concrete repairs and re-profiling. It is thixotropic but easily workable compound that cures to give high mechanical properties and offers resistance to oil, grease, petroleum, salts, many acids and alkalis and most commonly met corrosive media. **CONCREP EPX602** is a two-pack product containing fine aggregates that will not shrink on curing; the product is rapid curing, and does not shrink on curing.

PROPERTIES

- High strength
- Versatile
- Tenacious bond
- Non slump, rapid cure
- Non shrink
- Minimal waste
- Excellent chemical resistance
- High mechanical strength
- High impact resistance
- Strong adhesion

Appropriation :

- **CONCREP EPX602** may be used for a variety of bonding, repairing, bedding, gap filling and overhead applications, typically
- Repairing honeycombed concrete
- Cracked plaster surface, mapping
- Bedding bridge bearing
- Fixing of brick slips
- Gap filling adhesive
- Filling bolt pockets
- Bedding and grouting tiles
- Repairs & grouting to GRC panels
- Overhead repairs

Cleaning :

Clean tools and equipment immediately after use with a suitable solvent. Once cured **CONCREP EPX602** can only be removed by mechanical methods.

Packing and Storage :

CONCREP EPX602 is available in 3 kg kit (two parts). For site installations or mass consumptions, deliveries shall be made in bulk custom-designed containers. **CONCREP EPX602** should be stored in cool, dry and shaded warehouses. Shelf life is 12 months when stored under cover, out of direct sunlight, protected from extreme temperatures and as per recommendations. In extreme tropical climate, the product must be stored in cooled ambience. Excessive humidity and over exposure to UV will result in the reduction of shelf life.

Product Management:

Surface Preparation :

Make sure surfaces are clean, dry and free from dust, dirt, oil, grease, laitance etc.

Mixing :

CONCREP EPX602 may be easily mixed by trowel although for multiple packs a slow speed drill and mixing paddle can be used. For less than full units take three parts of the base (part A) with two parts of the reactor (part B) and mix thoroughly in a pliable polyethylene beaker or similar. Part mixing of units is only recommended for non adhesive applications. The technical properties shown above will only be achieved with the exact mixing ratio, as supplied. To avoid waste, only mix sufficient material for the work in hand.

Application :

CONCREP EPX602 by knife or trowel will aid application. Where deep recesses are to be filled, apply **CONCREP EPX602** in layers of 25 mm to 40 mm to required depth.

Coverage :

A 3kg unit will cover an area of 1.6m² at 1mm thickness. Consumption will vary according to the texture and profile of the surface being repaired on adhered.

GRIPMIX provides an extensive range of products and services for most concrete and finishing needs. Please contact the GRIPMIX for Building Construction Materials Trading Co. LLC-Dubai for further information, samples, demonstrations and instructor services. The information presented in this leaflet is based upon laboratory research, as well as comprehensive field work and application. All products are sold subject to standard conditions of sale which are available on request. This information is based on GRIPMIX's current state of knowledge and is intended to provide general information on GRIPMIX's products and their methods of use. The potential user is recommended to determine the suitability of GRIPMIX's suggestions and products before adopting them on a commercial scale.



CONCREP EPX602

Multi-purpose, hi-strength, non-sagging, epoxy bedding and repair mortar



Health & Safety :

CONCREP EPX602 contains no hazardous substances. As with all construction chemical products, caution should always be exercised. Protective clothing such as gloves and goggles shall be worn whilst handling. Wearing long sleeve overall, safety shoes and face mask is recommended for maximum safety. Reseal all containers after use and ensure product is stored as instructed on the safety section of the labeling. Treat any contact to the skin or eyes with fresh water immediately. Should any of the products be accidentally swallowed, do not induce vomiting, but call for medical assistance immediately. For more details, please refer to the MSDS released on each **GRIPMIX** product.

TECHNICAL DATA

Standard Confirms to	ASTM C881: Type 1, Grade 3 Class B&C, BS6319- Part 4, BS5080- Part 1
Color and Appearance	Off White(Part A) & Cement Grey (Part B)
Density @ 30 oC	1700 kg/m ³
Compressive Strength	60N/mm ²
Bond Strength	Greater than Concrete
Full Cure	7Days @ 30 oC
Pot Life @ 30oC	40min
Flash Point	Not Applicable

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