



OVERVIEW

CONCREP EPX603 is a three-component solvent-free epoxy resin-based grouting system for anchoring and bedding. It is a combination of high-performance epoxy resins, specially graded aggregates, and additives to provide excellent anchoring strength.

PROPERTIES

- High-temperature resistance
- Solvent free
- Excellent impact and abrasion resistance
- Very good flow characteristics
- Early strength development
- Adjustable consistency, excellent workability, and specially formulated for deep grouting

PROPERTIES

CONCREP EPX603 is used for suitable for application in

- Anchoring of cranes, towers, and dock sills
- Anchoring of bolts and bars with 15mm–60mm diameter in concrete, brick Installation of reinforced concrete starter bars, foundation bolts, and railway tracks
- Pile cap/pile head encapsulation to ensure water tightness.

Product Management:

Application Procedure

The surface to receive **CONCREP EPX603** should be structurally sound and clean. Remove traces of oil, mold release agent, curing compound, grease, paint, laitance, etc. The area shall be dry and free from standing water.

Mixing :

Mix Part A and Part B separately for one minute using an electric drill fitted with a suitable paddle. Then add Part B into Part A and mix thoroughly for 3 minutes. Later add Part C (aggregates) slowly and mix thoroughly for 5 minutes to achieve a uniform homogenous colour and consistency.

Application Method:

Place **CONCREP EPX603** immediately after mixing. Ensure that the material is placed continuously to avoid entrapment.

Cleaning :

Clean the tools with xylene or any solvents after use.

PACKAGING & STORAGE

CONCREP EPX603 is available in 10 kg units & 30 kg units. For site installations or mass consumptions, deliveries shall be made in bulk custom-designed containers. **CONCREP EPX603** 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 climates, the product must be stored in a cooled ambience. Excessive humidity and over-exposure to UV will result in the reduction of shelf life.

Health & Safety :

CONCREP EPX603 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 overalls, safety shoes, and a face mask is recommended for maximum safety. Reseal all containers after use and ensure the 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..

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.



TECHNICAL DATA

Standard Confirms to	BS 5080, BS2782, BS 4551
Color and Appearance	Grey Powder
Density@30oc	2.1g/cc
Compressive Strength @ 7Days	80 N/mm2
Tensile strength	13.6N/mm2
Flexural strength	23.9N/mm2
Water Powder Ratio	0.126 to 0.133
Pot Life @ 25oC	30min
Yield	10Kg will give 5l

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