



OVERVIEW

ADDGRIP EPX is a high-performance epoxy bonding agent/adhesive for new concrete/render to old concrete, repair system, both internal and external use. This bonding compound does not shrink and can be applied on slightly damp areas as well.

PROPERTIES

- High bond strengths and tenacious adhesive properties
- Non-shrink and solvent-free
- Moisture tolerant: can be applied slightly damp surface
- Increased abrasion resistance
- Suitable for hot climatic conditions
- Multipurpose application, economical, easy to use
- Improved strength and flexibility
- Generally good chemical resistance
- Resistant to chemical attack
- Non-corrosive
- High durability and mechanical strength
- Prevent chloride migration from the old concrete
- Compatibility: All types of Portland cement.

APPROPRIATION

- Tile fixing glazed tile and bricks
- For external rendering and waterproofing works
- Bonding concrete, bricks, copings, ceramic tiles and slabs
- For general concrete repair/screeds / pile cap protection
- Bonding new concrete to existing concrete
- Abrasion-resistant linings
- Offshore marine and marine structures

Coverage:

3 - 5m² / ltr

Cleaning:

All tools shall be cleaned with xylene or any other solvent immediately after use. Hardened materials can be removed mechanically only.

Product Management:

Surface Preparations:

Concrete surfaces should be clean, sound, and free from oil, grease, and cement laitance, curing compound paint or Bitumen and all loose particles. The surface should be in a saturated surface dry condition. Glass surface shall be abraded to get a mechanical key. If the concrete surface is not suitable or disintegrated badly, chip off the degraded areas until a sound surface is obtained. New concrete should be cured until the shrinkage and moisture movement is low.

Mixing:

Pour Part B hardener into Part A resin and mix thoroughly for 3 minutes to get a homogeneous mix with uniform color and consistency. Do not dilute or thin **ADDGRIP EPX**. Only mix complete units at a time. During mixing scrap down the sides of the tin to ensure complete.

Application Method:

ADDGRIP EPX may be applied evenly with a short haired brush or with a trowel. Place the screed / concrete or repair mortar immediately after application of **ADDGRIP EPX** to avoid contamination.

PACKAGING & STORAGE

Up to 12 months in manufacturer's sealed containers stored in a cool (preferably at 18 to 28 °C) and dry place. Available in 1 litre and 5 litre container. Reseal the container after use and ensure product is stored as instructed on the label.

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.



Health & Safety :

ADDGRIP EPX contains no hazardous substance. 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 splashes 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 Complies	ASTM C881 type I, II, III, V and VI grade 3, class D, E & F
Appearance	Off White liquid
Density@25 oc	1.30g/cc
Bond strength	>30N/mm ² (ASTM C882)
Compressive strength	>50N/mm ²
Tensile strength	>18 N/mm ²
Water absorption	<0.04% (ASTM D570)
Chloride content	Nil
Curing time	7 days for full cure