



EpiMax 228

Low Viscosity Epoxy Sealer Binder

Description

EpiMax 228 Low Viscosity Epoxy Sealer Binder is supplied as a two component, low viscosity, solventless, performance epoxy system and suits a variety of building and construction applications.

The system is very suitable for concrete sealing and protection applications including the preparation of industrial flooring and concrete repair and protection applications.

EpiMax 228 offers good work time and excellent flow control characteristics and bonds tenaciously to all forms of prepared concrete. The surface texture can be easily modified or extended on site with suitable aggregates to provide different application characteristics and modify surface skid resistance.



Advantages

- Non flammable
- Convenient mix ratio (2:1 pbv)
- Excellent adhesion
- Resistant to a wide range of chemicals
- Meets AS 4586 Slip Resistance standard
- Good stain resistance
- Solventless - odourless & food safe
- Self priming
- Excellent abrasion resistance
- Meets GBCA Low VOC standard
- Meets BCA CRF Fire standard
- Excellent durability

Typical applications

New construction, renewal & maintenance in:

- Water treatment & supply
- Paper manufacturing
- Dairy production
- Port & marine usage
- Chemical production
- Healthcare & retirement
- Correctional facilities
- Meat processing
- Commercial laundries
- Textile production
- Waste water treatment
- Retail facilities
- Food processing & production
- Beverage production
- Sugar production
- Washrooms & change-rooms
- Warehousing facilities
- Galleries & showrooms

Typical properties

- Solids content: 100%
- Set to touch: 4 hours at 25°C
- Concrete bond strength: 2.3 MPa - concrete fails
- Tensile strength: >15MPa
- Compressive strength: >40MPa
- Flexural strength: >15MPa
- Work time: 30 minutes at 25°C
- Cure time: 24 hours at 25°C
- Good chemical resistance: (ask for specifics)
- Hardness: 70-80 Shore D
- Water absorption: 0.03%
- High electrical resistance

General surface preparation

Concrete should be at least 28 days old. Ensure it is free of all contaminants, additives, curing agents, oils, pre-existing coatings etc and is also alkaline in nature. Prepare as necessary by professional diamond grinding or captive blast cleaning as applicable to expose firmly held aggregate to CSP 3 Standard. Remove all dust and debris. Allow to dry if wet. Always confirm preparation adequacy.

General application comments

Use a slow speed (400 rpm) mechanical mixer and mix thoroughly. Add two volumes of EpiMax 228 Compound to one volume of EpiMax 228 Hardener. Mix until uniform. Combine with nominated quantity and grade of aggregate/s slowly, while mixing, until a uniform consistency is obtained. Apply as nominated. Seal all exposed surfaces with EpiMax 228 at a rate of 8 sq m/litre.

Packaging

EpiMax 228 is available in 60 litre packs including Hardener and Compound in correct proportions for use.

Ordering Information: EpiMax 228 60 litre #9022860

Safety precautions

Read **Material Safety Data Sheets** before commencing any application. Keep away from children. Avoid contact with skin and avoid breathing vapour. Always provide adequate personal protection (gloves & goggles etc) during use. Always provide adequate ventilation, especially in confined spaces. If poisoning occurs, call Doctor or Poisons Information Centre. Phone 13 11 26.

If swallowed, DO NOT induce vomiting. Give plenty of water or milk.

If skin contact occurs, quickly remove contaminated clothing and wash affected areas thoroughly with soap and water.

TDG Code: Hardener - UN 1760 Compound - Not Classified

