



EpiMax 350

Epoxy Floor Protection System

Description

EpiMax 350 Epoxy Floor Protection System is a two-component, performance epoxy coating. This system provides a convenient 3:1 mixing ratio and good work time to simplify mixing and application.

EpiMax 350 is solvent free.

The system is supplied in a selection of AS 2700-2011 Grey colours and in White. EpiMax 350 White can be tinted with the new range of EpiMax ColourTints. Other colours are available to special order.



Advantages

- High build - easy application
- Long lasting durability
- Self priming
- Factory tints for large projects

Typical applications

- Apartment & hotel car parks
- Food production
- Beverage production
- Meat processing
- Commercial laundries
- Port & marine usage
- Wash & change-rooms
- Waste water treatment
- Chemical production
- Mining operations
- Warehousing facilities
- Animal care centres
- Correctional facilities
- Commercial kitchens

Typical properties

- Shelf life: 2 Years
- Solids content: 100% v/v
- Mix ratio: 3 Compound : 1 Hardener by volume
- Work time per pack: 1 hour at 25°C
- Tack free time: 4 hours at 25°C
- Recoating window: 16 - 48 hours at 25°C
- Cure time: 7 days at 25°C
- Coverage/pack - 0.2kg/m² per coat @ 140 um dft

Chemical resistance

EpiMax 350 is resistant to a wide range of chemicals. Specific data is available on request.

Estimating data

10 kg EpiMax 350 = 25 m² (2 x 140 um dft)

Surface preparation

Concrete should be at least 28 days old and free of additives, curing agents, oils etc. Remove all loose, crumbly and drummy areas to obtain a sound surface. Ensure that surfaces are free of dust, oil and grease.

Prepare concrete by professional diamond grinding or captive blast cleaning as applicable to exceed CSP 3 Standard. Vacuum all dust and debris. Allow to dry if wet.

Prepare steel surfaces in accordance with AS 1627-2002.

Always confirm preparation adequacy.

Application

Review the area in advance so that a fixed volume of mixed material can be applied over a fixed area to ensure correct application rate. Select a slow speed (400 rpm) mechanical mixer and ensure thorough mixing. Add two selected Colourpacks to a full EpiMax 350 Compound pack and mix well. Then add EpiMax 350 Hardener to mixed EpiMax 350 Compound. Mix until uniform.

EpiMax 350 can be applied by roller or airless spray in two coats (minimum) to achieve a total 280 micron dft. Porous substrates may require a primer coat applied at an application rate of 0.2kg/m².

Observe recoating window.

Allow the coating to cure for 7 days prior to subjecting to chemical exposure.

Contact EpiMax for further details.



General cleaning

Housekeeping is critical in keeping floor surfaces safe. Vacuum, wash, scrub or sweep daily in accordance with recommendations. Mechanical sweepers and scrubbers can provide excellent results. Verify that the frequency and effectiveness of the cleaning process is appropriate for site conditions.

Remove spills immediately, scrub and allow the floor to dry completely.

Packaging

EpiMax 350 is available in 10 kg packs. They are pre-packed in correct proportions for use.

EpiMax ColourTints are available in 125 ml packs.

Safety precautions

Read **Material Safety Data Sheet** before commencing and application. Keep away from children. Contents are flammable. 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 2735