



EpiMax 350T



Epoxy Flooring System

Description

EpiMax 350T Epoxy Flooring System is a 100% solids, two-component, performance thixotropic epoxy coating. This system provides a convenient 3:1 mixing ratio and good work time to simplify mixing and application. The system is supplied in a selection of AS 2700-2011 Grey colours. Other colours are available to special order.

Advantages

- Thixotropic
- Self priming
- Good chemical resistance
- High build - easy application
- Long lasting durability
- Solvent free

Typical applications

- Car parks
- Food production
- Warehousing facilities
- Correctional facilities
- Commercial kitchens
- Workshops
- Beverage production
- Factory units
- Wash and change-rooms
- Garages

Typical properties

- Shelf life: 2 Years
- Solids content: 100% v/v
- Mix ratio: 3 Part A : 1 Part B by volume
- Work time per pack: 20 minutes at 25°C
- Tack free time: 6 hours at 25°C
- Recoating window: 12 - 36 hours at 25°C
- Cure time: 7 days at 25°C
- Coverage/pack - 0.2kg/m² per coat @ 140 um dft

Chemical resistance

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

Estimating data

5 - 6m² per litre. Minimum two coats required

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 2 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

Pre-condition the material in an environment with a temperature between 18°C - 25°C. Pre-conditioning times will vary depending on the product starting temperature.

Consideration should be given to the required slip rating of the finished floor. The addition of white fused aluminium oxide may be required.

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 - 600 rpm) mechanical mixer to ensure thorough mixing. Premix Part A (base) thoroughly mix to ensure all the pigment is dispersed. Add Part B (hardener) and continue to mix for 3 minutes.

Best practice for reducing viscosity is to use Thinner X and not exceed 7% by volume in the final coat. Note excess thinning may result in pigment flotation.

EpiMax 350T can be applied by roller 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 350T is available in 10kg, 20 litre or 80 litre kits. They are pre-packed in correct proportions for use.

Safety precautions

Read **Safety Data Sheet** before commencing any application. Keep away from children. Avoid contact with skin and avoid breathing vapour. Always provide adequate personal protection (gloves and 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: Part B - UN 2735

