



EpiMax 870



Fast-Curing UV Stable Polyaspartic

Description

EpiMax 870 Fast-Curing UV Stable Polyaspartic providing fast cure times translating into rapid return to service.

Advantages

- UV resistant
- Fast return to service
- High film build
- Excellent gloss retention
- Low temperature application
- Convenient 1:1 mix ratio

Typical applications

- Fast return to service areas
- Clear coat over flake
- Clear coat over epoxy coatings

Typical properties

- Shelf life: 12 months
- Cure time: 3 hours at 25°C
- Mixing ratio 1:1 pbv
- Work time: 15 - 20 minutes at 25°C
- Recoating window: 60 - 90 minutes at 25°C

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 2 Standard. Vacuum all dust and debris. Allow to dry if wet. Always confirm preparation adequacy.

Mixing

Mix Part A and Part B for 90 seconds.

Note Excessive mixing will reduce the work time.

Priming over concrete substrates

Apply a prime coat of EpiMax 870 clear, diluted 30% with Thinner X to the prepared surface.

Alternatively apply a prime coat of EpiMax 225 at an application rate of 5 - 6 m²/litre or

EpiMax 237 at an application rate of 7 - 8 m²/litre. Allow to harden.



Application

Flake flooring system

Prime with EpiMax 237

Apply a solid colour base coat with a short nap roller at around 5 - 6 m² per litre.

Immediately broadcast selected flakes.

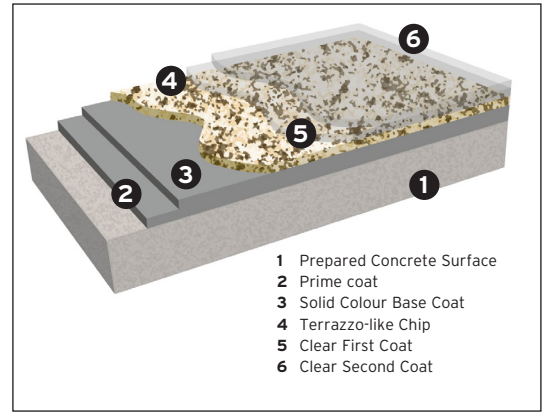
Allow to harden overnight.

Lightly sand or scrap the surface.

Apply the first clear top coat of EpiMax 870 with a roller at around 5 - 6 m² per litre.

Allow to harden for 90 - 120 minutes. Apply a second coat with a roller at around 6 - 7 m² per litre.

Ready for foot traffic after 3 - 4 hours and vehicles after 72 hours.



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.

Note: Certain types of tyres can leave tyre stains on any garage floor. We recommend confirming the particular tyre-marking resistance by way of a localised test area in advance. Other options are choosing dark colours, or placing localised mats in the locations where the tyres will be resting. Given the wide variation in tyre composition and age, we make no warranty as to the performance of our coatings and their tyre-staining potential.

Packaging

EpiMax 870 is available in 20 litre kits.

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: Hardener - Not Classified Compound - Not Classified.