



EpiMax 842

CLEAR and COLOURED



Fast-Curing UV Stable Flooring Systems

Description

EpiMax 842 Fast-Curing UV Stable Flooring Systems are part of a family of two-component flooring systems built on polyaspartic chemistry. They are available in clear and coloured versions. These systems provide fast cure times translating into rapid return to service. The high film build reduces the number of coats required to provide the same overall coating thickness.

Architects and builders today seek durable and attractive floor coatings to enhance the overall building project. These EpiMax systems offer low VOC, rapid curing and long lasting durability for the end user.

They can be combined with other attractive components (vinyl chips, coloured quartz etc) resulting in highly durable and aesthetically appealing concrete floor finish systems that can be installed in just one day and also allow traffic exposure within hours of completion.

EpiMax 842 Clear is a clear seal coat. EpiMax 842 Coloured is the coloured version.

EpiMax 842 Type 2 is the faster return to service version. EpiMax 842 Flex is the flexible clear or coloured version.

Advantages

- UV resistant
- Fast return to service
- Meets BCA CRF Fire standard
- High film build
- Meets GBCA Low VOC standard
- Excellent gloss retention
- Low temperature application
- Good weatherability characteristics
- Convenient mix ratios

Typical applications

- Fast return to service areas
- Food service areas
- Manufacturing facilities
- Commercial markets
- Educational facilities
- Commercial laundries
- Residential garages
- Laboratories
- Wash and change rooms
- Decorative flooring
- Warehousing facilities
- Animal care centres
- Healthcare facilities
- Showrooms
- Correctional facilities
- Front of house flooring
- Port & marine use
- Studios

Typical properties - standard version

- 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: 90 - 120 minutes at 25°C

Typical properties - Type 2 version

- Shelf life: 12 months
- Cure time: 2 hours at 25°C
- Mixing ratio 3:1 pbv
- Work time: 10 minutes at 25°C
- Tack free time: 20 minutes at 25°C
- Recoating window: 30 - 60 minutes at 25°C

Typical properties - flexible version

- Shelf life: 12 months
- Cure time: 4 hours at 25°C
- Mixing ratio 1:1 pbv
- Work time: 15 - 20 minutes at 25°C
- Recoating window: 90 - 120 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 1 minute, then add a 10% Thinner X to extend the work time, mix for another 30 seconds.

Note Excessive mixing will reduce the work time.

Priming over concrete substrates

Apply a prime coat of EpiMax 842 clear, diluted 1:1 PBV with Thinner X to the prepared surface. Alternatively apply a prime coat of EpiMax 225 at an application rate of 5 - 6m²/litre or EpiMax 237 at an application rate of 8 - 10m²/litre. Allow to harden.

Application

Solid colour flooring system

Apply a solid colour base coat to the primed concrete surface with a short nap roller at around 6m² per litre.

Allow to harden for 90 - 120 minutes.

Apply the second solid colour coat with a short nap roller at around 6m² per litre.

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

Optional: Apply a clear top coat incorporating non slip additive for traction enhancement. For commercial or high traffic areas, a third coat might be required.

Flake flooring system

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

Immediately broadcast selected flakes.

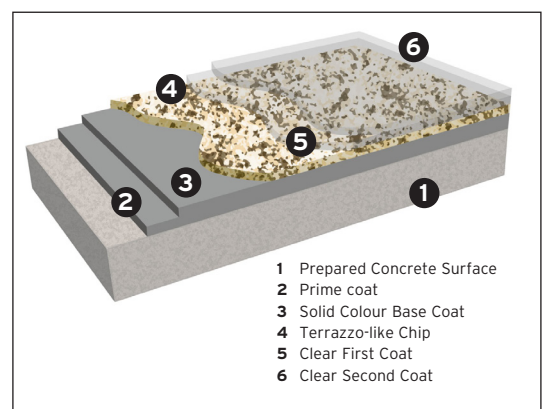
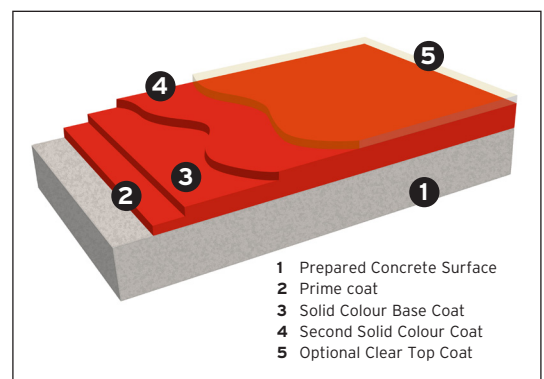
Allow to harden for 90 - 120 minutes.

Lightly sand or scrap the surface.

Apply the first clear top coat with a short nap roller at around 6m² per litre.

Allow to harden for 90 - 120 minutes. Apply a second clear top coat with a short nap roller at around 6m² 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 842 is available in clear or coloured 8 litre or 40 litre packs. EpiMax 842 Type 2 is available in 4 litre packs.

EpiMax 842 Flex is available in clear or coloured 8 litre or 40 litre packs.

It is pre-packaged in correct proportions for immediate 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: Hardener - Not Classified Compound - Not Classified.

This Technical Data Sheet is provided for general information and instruction only. The properties and characteristics set out herein represent typical testing results using industry test methods under laboratory conditions. Results of actual product characteristics may vary slightly. Site-specific and project-specific conditions may affect product performance, including without limitation: surfaces, environmental conditions, contact conditions, storage conditions, storage timeframes, weather, and climatic or seasonal conditions. Not all product parameters are batch tested as part of the manufacturing quality control process, and performance may vary between batches.

If EpiMax gives any express written product warranty in relation to the product, that warranty is subject to the foregoing qualifications, despite anything to the contrary in any other document. All other representations, advice, suggestions or promises regarding the product's performance or its implementation, whether verbal or in writing, and whenever given, including in the course of any field services, are expressly disclaimed. Without limiting the foregoing, EpiMax will have no liability for loss or damage of any kind if any application specifications are not followed.

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