



# EpiMax 444

## Seamless High Performance Flooring System

EpiMax 444 has been developed for installation in a range of industrial and commercial applications where a proven solution to floor maintenance problems and expense is demanded. It provides a bright, durable, impervious and chemically resistant floor surface which is both hygienic and easy to clean. Typical applications include show rooms, television studios, clean rooms, laboratories, plant rooms and general industrial plants and warehouses.

EpiMax 444 consists of selected aggregates bound in a high performance epoxy system. It is used as a four component system, pre-packaged for on-site mixing.

When professionally installed, it provides a very high quality flooring surface. It is available in a wide range of standard colours, and can be top coated to provide non-slip finishes.

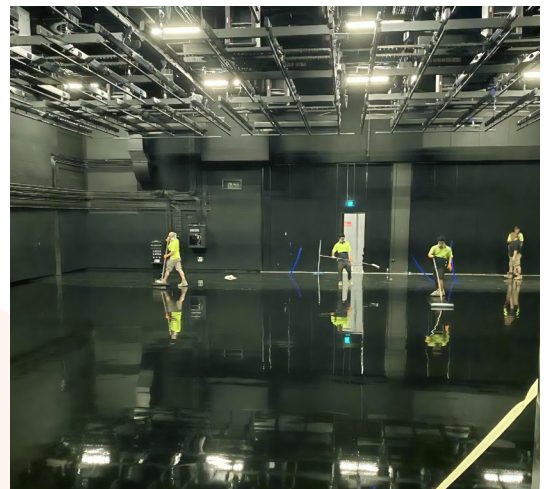
EpiMax 444-EC Electrostatic Conductive Flooring System is also available to provide static control properties in a wide variety of environments where the harmful effects of electrostatic discharge must be avoided.

### Advantages

- Fast application - minimal downtime
- Attractive finish
- Chemically resistant
- High mechanical strength
- Hygienic - provides a dense, impervious, seamless floor surface
- Easily cleanable
- Wide range of colours available
- Electrostatic control version available

### Typical applications

- Show rooms
- Television and video production
- Pharmaceutical plants & warehouses
- Medical facilities
- Clean rooms
- Epoxy terrazzo flooring
- Laboratories
- Plant rooms
- Warehouses
- Defence facilities
- Electronic assembly areas
- Explosive storage
- Data centres



---

### Typical properties

- Cure time - Standard system  
Foot traffic: 24 hours                      Vehicular traffic: 48 hours                      Chemical: 7 days
- Cure time - Express system  
Foot traffic: 12 hours                      Vehicular traffic: 24 hours                      Chemical: 4 days
- Compressive strength: 90 MPa
- Flexural strength: 30 MPa

### Estimating data

EpiMax 444 (10 litre) + Colourpack + EpiMax 444 Aggregate = approximately 18 litres and will cover 9 sq m at 2 mm.

### Sub-floor preparation

Sub floors should be dry and not be susceptible from rising damp. If necessary, suitable damp proof membranes must be installed to prevent this.

Concrete should be at least 28 days old. Ensure sub-floor is clean, dry and free of additives, curing agents, oils, etc.

Prepare sub-floor by professional grinding or captive blast cleaning as applicable to expose firmly held aggregate.

Allow to dry if wet. Surface profile should exceed CSP 5. Vacuum all dust and debris. Always confirm preparation adequacy.

### Priming

Prime concrete sub-floor using mixed EpiMax 225 at a rate of 4 sq m/litre. Double prime if sub-floor is boney and primed surface is not continuous. If any doubt exists, always double prime. Protect all newly primed surfaces and allow to harden fully, but the next stage should be applied within 24 hours of priming. If this time is exceeded the sub-floor must be re-primed.

### Application

EpiMax 444 is designed for application at a nominal thickness of 2 - 4 mm.

Review the sub-floor 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 selected Colourpack to EpiMax 444 Part A and mix well. Then add EpiMax 444 Part B to mixed EpiMax 444 Part A/Colourpack. Mix until uniform.

Then add EpiMax 444 Aggregate and mix at slow speed (400 rpm) until uniform. Avoid air entrapment.

Slowly and evenly pour the mix onto the primed sub-floor and spread evenly over the surface using either a steel float or depth-regulated spreader bar. Roll well with a "spiked" roller to release entrapped air bubbles and to ensure even finish, but allow sufficient time for the floor to completely level before hardening.

---

## 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 444 is available in 10 litre packs (includes Part B, Part A - Colourpack and Aggregate additional). It is 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 1760, Part A - Not Classified, Colourpack - 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.*

*The foregoing is not intended to exclude any warranties or guarantees which by law cannot be excluded. Subject only to the foregoing provisions of this Notice, and to the extent permitted by law, EpiMax disclaims all liability for loss or damage of any kind suffered as a result of or in connection with the product or its implementation. If such liability cannot be wholly excluded, the liability of EpiMax will, to the extent permitted by law, be limited to the replacement of the product itself or the direct cost of replacement of the product itself (not including any collateral or consequential loss or damage of any kind).*



**EpiMax Technologies Pty Limited**

Sydney • Melbourne • Brisbane • Townsville • Canberra • Perth  
Australia 1300 721 522 [info@epimax.com.au](mailto:info@epimax.com.au)

