



EpiMax 999WB

Concrete Protective Sealer

Description

EpiMax 999WB Concrete Protective Sealer is a Green Certified, water based, two pack clear epoxy system formulated to provide ease of application, fast hardening and excellent adhesion to functional concrete slabs.

Concrete is a very versatile construction material. It is economical and easily formed and strong in compression. However, unprotected concrete can easily suffer surface damage by the action of simple chemical compounds. Unprotected concrete is also porous and can abrade easily.

Facility management teams, at both the strategic and operational level within the built environment sector, have long recognised the value in the construction and operation of functional, maintenance free concrete structures. EpiMax 999WB has been shown to be a valuable asset within the scope of the facility management of commercial car parks, shopping malls, and warehouses. The system provides fast, economical protection and slabs professionally protected with EpiMax 999WB show excellent automotive and material handling fluid stain resistance. Importantly, these slabs will not dust.

In general the prime objectives of modern car park management include overall functionality, operationally efficiency, energy efficiency and personal safety. In recent years environmental sustainability (during construction and throughout life) and being litigation-free are becoming more important. Finally, the facility should be aesthetically attractive and meet the ROI objectives.

Advantages

- Fast installation
- Chemically resistant to automotive oils and fluids
- Minimal tyre squeal
- Meet AS 4586/HB 197 Slip Resistance standard
- Meet BCA CRF Fire standard
- Environmentally sustainable
- Mechanically durable, high surface integrity & non dusting
- Bright and attractive
- Good resistance to marking
- Meet GBCA Low VOC standard
- Trip resistant
- Maintenance free

This system is also available in a high traction version, EpiMax 999WB-S (Safety), which is specially formulated to provide a unique skid resistant surface to the equivalent of an R10 rating that is still easily cleaned.

Typical properties

- Work time: 4 hours at 25°C
- Full cure time: 5 days at 25°C
- Finish: Clear satin
- Recoating window: 6 - 12 hours at 25°C
- Light traffic: 12 - 24 hours at 25°C (depends on air flow)
- Coverage/60 litre pack: theoretical 720 m² / coat



Estimating data

60 ltr EpiMax 999WB Concrete Protective Sealer = 360 m² (2 coats)

Slab preparation

Concrete should be at least 28 days old and free of additives, curing agents, coatings etc. Remove all loose, crumbly and drummy areas to obtain a sound surface. Ensure that surfaces are free of dust, oil and grease. Allow to dry if wet. Prepare concrete by professional diamond grinding to exceed CSP 2 Standard.

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 EpiMax 999WB Activator to EpiMax 999WB Base. Mix until uniform.

EpiMax 999WB can be applied by roller or airless spray.

Apply in a minimum of two coats.

EpiMax 999WB-S is applied in a similar fashion. A unique feature of this version is that it is a true two component system without the need for the addition or scattering of siliceous aggregates. It can be easily spray applied using 0.7 mm or larger tip size.

The photograph at right shows a close-up of EpiMax 999WB-S.

EpiMax will provide a manufacturer's warranty for projects completed to our surface preparation standards and applied in a minimum of two coats at the recommended application rates.



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 999WB is available in 60 litre packs (includes Activator & Base). It is pre-packed in correct proportions for use.

Ordering Information: EpiMax 999WB 60 litre #9099960

EpiMax 999WB-S is available in 60 litre packs (includes Activator & Base). It is pre-packed in correct proportions for use.

Ordering Information: EpiMax 999WB-S 60 litre #9099860

Safety precautions

Read **Material 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 & 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.