



EpiMax 333WB

Water Based Epoxy Coating

Description

EpiMax 333WB Water Based Epoxy Coating is a water based epoxy coating which provides excellent protection to concrete, timber and other stable surfaces. This system can be used to prepare easy-clean floor and wall surfaces for a wide range of applications.

EpiMax 333WB Water Based Epoxy Coating can be applied over slightly damp concrete and still provide long term and durable protection.

Typically it is applied by roller or airless spray and hardens quickly to form a tough, waterproof and virtually vapour free barrier.

It is used in commercial, institutional and industrial environments where higher performance is required than that achievable with conventional single pack coatings.

EpiMax 333WB is available in various colours.



Advantages

- Specially formulated for concrete
- Odourless application
- Long lasting durability
- Good adhesion to damp concrete
- Tough, yet cleanable
- Hazmat free chemistry
- Roller or airless spray application
- Factory tints for larger projects
- Excellent chloride ion resistance
- Can be applied in non slip finish

Typical applications

- Water treatment & supply
- Food production
- Meat processing
- Dairy production
- Sugar production
- Textile production
- Warehousing facilities
- Correctional facilities
- Paper manufacturing
- Beverage production
- Commercial laundries
- Port & marine usage
- Wash & change-rooms
- Waste water treatment
- Mining operations
- Animal care centres
- Commercial kitchens
- General weatherproofing

Typical properties

- Work time: 45 mins at 25°C
- Set-to-touch: 6 hours at 25°C
- Recoat: 16-24 hours at 25°C
- Solids content: 50% v/v
- Coverage/pack - theoretical: 80 m²/coat
- Full cure: 7 days at 25°C

Estimating data

8 ltr EpiMax 333WB = 40 m² (2 coats).

Surface preparation

Concrete should be at least 28 days old. Ensure it is clean, dry and free of additives, curing agents, oils, etc. Prepare as necessary by acid etching/neutralizing/washing, professional grinding or captive blast cleaning as applicable to expose firmly adhered aggregate. Allow to dry if wet. Always confirm preparation adequacy. Surface profile should exceed CSP 3.

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. Then add EpiMax 333WB Hardener to EpiMax 333WB Compound. Mix until uniform.

EpiMax 333WB can be applied by roller or airless spray, at a rate of 10 m²/litre per coat, in a minimum of two coats.

Thin first coat (if necessary) with up to 15% potable water.

Protect all newly primed surfaces and allow to harden fully, but the second coat should be applied within 24 hours.

If this time is exceeded the sub-floor must be re-prepared.

Coloured versions of EpiMax 333WB can be top coated as required with EpiMax 333WB Clear (internal applications) or EpiMax 777HD (external applications) for gloss and easier cleaning.



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 333WB is available in various colours (includes Activator & Base). It is pre-packaged in correct proportions for use.

Ordering Information: EpiMax 333WB Colours 8 litre #9033950

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.

TDG Code: Hardener - Not Classified, Compound - Not Classified