



# EpiMax 333PWC



## High Build Potable Water Coating

### Description

EpiMax 333PWC High Build Potable Water Coating is a solvent-free, 100% solids, corrosion-resistant epoxy coating designed for protecting concrete in the immersed potable water treatment and storage environment.

EpiMax 333PWC is formulated with performance epoxy resins and curing agents and combines provides ease of field application and excellent adhesion to prepared surfaces.

This product is suitable for broad range of corrosion protection applications in the water utility sector. It is certified safe for contact with potable water.

Although Australia occupies about 5 per cent of the world's landmass, the continent receives little more than one per cent of the world's available freshwater resources. As a result, managing Australia's water more efficiently and increasing its capture and reliable storage will be critical to ensure ongoing water access under climate change and population growth predictions.

### Advantages

- High build - fast application
- Excellent adhesion
- Tested and approved to AS4020:2018
- Self-priming
- Excellent water resistance
- Solvent-free
- High mechanical performance

### Typical applications

- Water treatment structures
- Flocculation basins
- Water storage reservoirs
- Sedimentation tanks
- Tanks, reservoirs and basins
- Disinfectant basins

### Typical properties

- Shelf life: 2 Years
- Recoating window: 12 - 36 hours at 25°C
- Work time per pack: 20 minutes at 25°C
- Tack free time: 3 hours at 25°C
- Cure time: 7 days at 25°C
- Coverage/16 L pack- theoretical 80 m<sup>2</sup>/coat @ 200 micron dft
- Solids content: 100% v/v
- Mix ratio: 3 Part A : 1 Part B by volume

### Estimating data

16 ltr EpiMax 333PWC High Build Potable Water Coating = 40 m<sup>2</sup> (2 x 200 micron dft)

## 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 industry approved methods like abrasive blasting etc, as applicable, to expose firmly held aggregate to minimum CSP3 Standard. Vacuum all dust and debris. Allow to dry if wet. Prepare steel surfaces in accordance with the AS 1627 series. 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 - 600 rpm) mechanical mixer to ensure thorough mixing. Premix Part A thoroughly mix to ensure all the pigment is dispersed. Add Part B and continue to mix for 3 minutes. EpiMax 333PWC can be applied by roller in two coats (minimum) to achieve a total 280 micron dft. Porous substrates may require a primer coat applied at an application rate of 5 m<sup>2</sup>/L. Observe recoating window. Allow the coating to cure for 7 days prior to subjecting to immersion. Contact EpiMax for further details.

## Packaging

EpiMax 333PWC is available in 16 litre kits. They are pre-packed in correct proportions for use.

## Safety precautions

Read **Material Safety Data Sheet** before commencing any application. Contents are flammable. 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.

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