

# SEALPOXY

## Water Based Epoxy Sealer/Primer

Release: 1st August 2009  
 Review: 7 January 2013

**PRODUCT DESCRIPTION:**

Sealpoxy is a general purpose economical polymer modified two-part, water based epoxy which can be used as a primer/sealer for concrete, masonry, fibre-cement and other cementitious surfaces. When cured, Sealpoxy forms a strong impermeable seal.

**FEATURES:**

Australian made, non flammable, environmentally friendly, low odour and low toxicity. It is easy to use and economical to apply.

**RECOMMENDED APPLICATIONS:**

- As a primer sealer for concrete (cured and green), masonry, bricks, fibre-cement and other cementitious surfaces.
- As a primer for PVC plastics.
- As a water retaining curing aid (membrane) for concrete suitable for further finishing with decorative industrial coatings.
- As a water impermeable coating to protect against dampness and seepage.
- As an adhesion receptor between old and new cementitious compounds.
- Can be supplemented with 50% (by volume) dry cement, for trowel damaged concrete substrates and to facilitate application where a strong priming base is required.

**TECHNICAL DATA:**

Resin Base:  
 Appearance – White  
 Chemical base – Epoxy resin  
 Solids – 50%  
 Hardener:  
 Appearance – light green  
 Mixing ratio – Equal parts (1:1), weight or volume.

Pot life – 2.0 hours at 20°C.  
 Surface appearance – Matt.  
 Touch dry – 90 minutes at 20 – 22°C.  
 5 hours at 20°C. Recoat 5 – 24 hours. Cold substrates will lengthen drying and curing times.  
 Full Chemical Cure: 5 days at 20°C.  
 Minimum curing temperature – 8°C.

Maximum application temperature: 30°C.  
 Application Temperature: 8 – 30°C.  
 Coverage: 1 or more coats – 6-8m<sup>2</sup>/L depending on porosity of substrate.  
 May be thinned with clean water up to 10%.  
 May be applied by brush, roller or airless spray.

**PRODUCT PREPARATION:**

Mix for at least 2 minutes or until a uniform green mix is seen.

**APPLICATION:**

Sealpoxy should be applied to a uniform thickness throughout the application. For this purpose a 10 - 30mm napp roller is recommended. Mix only enough product to complete the specific task.

**OVERCOAT:**

5 to 24 hours

Sealpoxy requires surface preparation before use. Make sure that the substrate is clean and free from grease and loose material. If using as a primer for a trafficable systems, ensure that the substrate is ground or mechanically scabbled. To maximise adhesion, it is important that application is to sound clean substrates.

**REVERSE TANKING:**

For reverse tanking applications, Sealpoxy should be applied at the rate of 2 litres per m<sup>2</sup> over 3 or more coats to provide a seamless epoxy lining. Apply each successive coat at right angle to the previous coat.

## **MOISTURE BARRIER:**

Sealpoxy used in three coats (2 litres per sm) is an effective moisture barrier between concrete slabs and (wooden) flooring and other coverings above.

As with all water based products, it is not advisable to use Sealpoxy under conditions of low temperature (under 8°C) or high humidity (over 85%).

## **PAINTABILITY:**

Sealpoxy is compatible with most commercially available waterbased paints and membranes. If in doubt, do a test sample.

## **CLEAN UP:**

Clean brushes, roller sleeves and spray equipment with soapy water.

## **SHELF LIFE:**

Sealed kits – 12 months.

## **CEMENTITIOUS ADDITIVES:**

Sealpoxy can be turned into a formidable industrial strength coating with the addition of cement or one of AMI's cementitious additives. Usually the addition is up to 50% by weight, however, smaller or larger volumes can be added depending what type of viscosity is required.

## **AS A MORTAR:**

Use to fill concrete holes in industrial sites or as a repair system. The mortar should be made relatively dry so that towelling can be achieved.

As a superior primer, add around 30% clean dry cement and apply with a brush to achieve an exceptionally strong priming based. In reverse tanking, this can also be used with the final two coats being a straight epoxy mix.

For more information on the uses of this product, contact AMI.

Packaging: 8 and 20 litre kits.  
Hazard & First Aid: Refer to manufacture's Material Safety Data Sheet.

## **SAFETY:**

Use best practice material handling, but in particular, avoid contact with the skin.

## **FIRST AID:**

Contact a doctor or call Poisons Information Centre 131 126

## **AMI PRIMER RANGE:**

GP Primer – Wet area latex based primer for internal waterproofing priming over concrete and many other substrates.

Bayroot Priming Epoxy – Inexpensive priming water-based epoxy.

Sealpoxy – Waterbased two-pack epoxy suitable for waterproofing priming and sealing. Use Sealpoxy for optimum priming adhesion.

Hydro Static Epoxy – High quality two-pack water-based epoxy for use in all areas of waterproofing and for general priming.

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