

Aquepoxy®

Water Based (Two Part) Epoxy, Low VOC, Slip resistant certified durable concrete sealer

Description: Aquepoxy is a two part component self penetrating water based pigmented epoxy resin certified for non-slip flooring systems

Specifications: AS/NZS 4586 R9 (R10 – R12 with addition of Cavco Products Skidbrake additives)
ASTM D3960 – Green Building Council of Australia

Typical Uses: Aquepoxy® is a heavy duty coating ideally suited for high wear and aggressive environments.

Typically applications include:

- Multi Level / Basement Car Parks
 - Shopping Centre's
 - Aircraft Hangers
 - Bus / Truck Depots
 - Auto & Engineering Workshops
 - Distribution centre's, factory floors and warehouses
 - Stock and plant rooms
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Key Benefits:

Water Based – Classified Low VOC with the Green Building Council of Australia
Slip Resistant – Certified with the CSIRO as R9 to R12 Wet/Oil pendulum test
Excellent adhesion- in the most aggressive environments
Low Odour – Minimal odour providing user friendly environment
Stain/Chemical Resistant – unaffected by oil, petrol, lubricants and chemicals dramatically reducing cleaning times
Durable – Tough, abrasion resistant finish giving longlife protection
Ease of application – Roller application with minimum 15mm NAP Lambswool or airless spray and washes up in water

Typical Properties:

Classification: Two Part Water Borne Epoxy
Appearance: Coloured Liquid Matt Finish (Also supplied in Clear Semi Gloss)
Specific Gravity: 1.20 – 1.24
VOC Level: <30g/L (Certified LOW)
Solids by Weight: 45%
Odour: Very Low odour
Flammability: Non Flammable
Service Temperature: -20°C to 90°C¹



Application Data

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|---------------------------|--|
| ▪ Application temperature | Minimum 10°C - 30°C |
| ▪ Open time | Approx. 60 mins @ 25°C |
| ▪ Curing time | Hard overnight for light traffic |
| ▪ Full cure | 5-7 days depending on conditions (do not park vehicle on coating for period of 7 days) |
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Advantages

- Water based - can be applied to damp surfaces / washup with water
 - Adhesion - excellent adhesion to concrete and most common building surfaces.
 - Stain resistant - improved resistance to oil, petrol and mild chemical stains.
 - Durable - good abrasion / wear resistance.
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Limitations

Aquepoxy[®] Concrete Floor Finish is **not** recommended for use in the following situations:

- Do not apply when ambient / surface temperature is below 10°C.
 - Do not apply when exposure to rain is likely within four hours of exterior application.
 - Not recommended for continuous immersion in water, eg. swimming pools, spa baths, etc.
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Surface Preparation

- All surfaces should be free of rust, dust, soil and grease, and preferably vacuum cleaned.
 - Minimum curing temperature is 10°C. If the temperature falls below this figure during the drying period, curing may be slowed or even temporarily suspended until the temperature rises.
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Mixing Ratio / Application

To cover 40 to 50 square metres, measure 3 litres of Aquepoxy[®] Part "A" and 2 litres Aquepoxy[®] Part "B" and mix thoroughly for minimum of 5 minutes and allow to stand for 10 minutes.

Apply by 15-20mm Nap lambswool roller at a spread rate of 8m²/ litre for the first coat, then 10m²/ litre for subsequent coats. For spray application, thin 5 litre of premixed sealer with up to 1 litre water before application to cover areas as specified above.

Ensure adequate air flow is present during and for up to 4 hours after application.

These suggestions and data are based on information we believe to be reliable. They are offered in good faith, but without guarantee, as conditions and methods of use of our products are beyond our control. We recommend that the prospective user determine the suitability of our materials and suggestions before adopting them on a commercial scale.
