

Eco Seal

Highly Durable Silica-Based Sealer & Hardener for Interior & Exterior Concrete Floors

Description

Eco Seal is an environmentally friendly silica-based copolymer designed to seal and harden concrete floors with a rich glossy finish. **Eco Seal** enhances concrete floors with a tough surface layer that protects against staining, eroding and dusting.

Eco Seal is UV stable and non-yellowing. It withstands extreme Australian weather conditions by maintaining great gloss retention, low water sensitivity and reduced water vapour permeability. It will also help to prevent the growth of mould and mildew.

Eco Seal emits almost zero toxic odours (VOCs) and is water-based, making it safe to use and minimising environmental impact.

Uses

Eco Seal is suitable for interior and exterior applications to rejuvenate old and weathered concrete floors or seal and protect concrete floors that have been mechanically ground, smoothed and polished.



Advantages

- UV stable with a permanent sheen and excellent weatherability
- Hardens and densifies increasing abrasion resistance to reduce erosion and dusting
- Seals to reduce moisture penetration protecting the surface from concrete spalling
- Water and chemical resistant for protection against water damage and staining
- Superior resistance to dirt pick up for easy maintenance and cleaning
- Efflorescence resistant to prevent sealer deterioration
- Virtually odourless and environmentally friendly
- Ready to use from the container, easy to apply and fast drying

Coverage

Polished concrete: 20 square meters per litre.

Old concrete: 5 square metres per litre.

Surface Inspection

Surface must be clean, dry and free from grease, loose paint, oil, dust, curing agents or any foreign material that might prevent proper penetration and adhesion.

Surface Preparation

Substrate should be made free from contaminants by diamond grinding or shot blasting. When using other methods make sure it is porous and the product is able to soak in and properly bond. If using acid etches, ensure it is applied, neutralised and rinsed per manufacturer's instructions and that the substrate is dry.

Application

Old concrete: pour **Eco Seal** onto the concrete floor and scrub into the surface with a soft bristled broom.

Polished concrete: pour **Eco Seal** onto the polished concrete floor and apply evenly with a microfiber floor sweeper.

Depending on look, thickness and abrasion resistance desired, 1 or 2 coats may be applied.

Eco Seal can be buffed to a mirror finish.

Maintenance

Cleaning the sealer is best done by using **Eco Clean**. Alternatively, use a mild detergent such as dishwashing liquid in warm water.

Limitations

- Do not apply in conditions above 30°C or below 5°C
- Do not apply if it is raining or if rain might occur during the next 24 hours
- Always read MSDS before use of any product

Storage Period: 2 year (5-35°C)

Packaging: 5, 15 & 200 litre plastic containers

Typical Properties

Appearance	Transparent milky white liquid
Sheen	Gloss
Main components	Acrylate silica co-polymer
Solid content, % by weight	10 %
Specific gravity	1.05
Viscosity (#4 Ford Cup)	13 seconds
Spread rate	5 – 20 m ² per litre
Dry time at 25°C	30 minutes
VOC content	5 grams per litre
Flashpoint	Does not burn

First Aid

For safety information or Material Safety Data Sheet call EIC Customer Service on 08 8121 7867.

For emergency please contact 24 hour mobile 0413 075 994.