BASE

APPLICATION GUIDE

CONCRETE SEALER 310

APPLICATION INSTRUCTIONS

Surface Preparation

- All surfaces should be clean, sound and free from dry or loose materials, oils, paints, grease etc.
- Do not apply if rain is expected within 24 hours of application.
- Keep newly sealed concrete protected from rain for at least 12 hours.
- Mould, lichens and fungal growths should be treated with a suitable algicide.

New Concrete

New concrete should be allowed to cure fully (at least 14 days) before application of Concrete Sealer 310. Any crumbling, loose or protruding sections of concrete should be removed by grinding and/or acid etching.
Prepare a dilute solution of hydrochloric acid (1 part acid to 20 parts water) and broom over surface. Ensure acid does not dry on the surface. Pressure clean at approx. 3000psi using a liberal amount of water. Allow to fully dry.

Moisture Test

Concrete Sealer 310 is a solvent based sealer and is not compatible with water. The presence of water in the substrate may result in a cloudy finish as moisture is trapped under the coating during curing. A simple test is to tape a small square of clear plastic to the concrete and leave for an hour or so. If there is no condensation or moisture the surface is generally safe to seal. Note that in cooler temperatures moisture may not be evident. Test areas should ideally be in direct sunlight and left for longer in cooler conditions.

Application Method

- Concrete Sealer 310 is a solvent based sealer and has a strong odour – apply in well ventilated areas only.
- Concrete Sealer 310 is highly flammable – take all precautions to ensure no source of ignition is present when applying.
- Concrete Sealer 310 has been designed for application directly from the pail.
- For the first coat (only) the addition of up to 10% xylene solvent will assist with adhesion, especially with smooth or dense surfaces or for re-sealing.
- Do not pour over the surface and attempt to flood the area or allow to pool.
- Use steady long strokes and avoid overworking the sealer or pushing your roller too quickly as this may trap air bubbles in the coating.
- Keep the pail sealed when not in use.
- Avoid application on hot surfaces.
- The addition of an anti-slip additive is strongly recommended in the final coat when used in wet areas, on smooth surfaces or on steep driveways or paths.

CONCRETE SEALER 310

Drying Times

The first coat is typically dry in 2 hours and may be re-coated, however we suggest applying the first coat, letting this cure overnight and applying the second coat the next day.
Keep foot traffic off the final coat for at least 12 hours and vehicles for at least 48 hours.
Full hardness is achieved after 3 days.

Description

Concrete Sealer 310 is a hard-wearing solvent based clear sealer designed to enhance and protect a wide range of concrete surfaces.
Concrete Sealer 310 dries to a high gloss 'wet-look' clear finish and provides a smooth washable surface, protecting from stains, spills and reducing the ability of moulds, algae and lichen to discolour the surface.

Concrete Sealer 310 is a UV stable acrylic solution with excellent optical clarity and is designed to provide many years of service.

Concrete Sealer 310 is well suited to protecting new surfaces or restoring aged and faded concrete..

Concrete Sealer 310 is especially suitable for newer or 'green' concrete surfaces where coating is possible in as little as 14 days after pouring provided moisture levels are suitable.

NOTE
Do not apply Concrete Sealer 310 if the concrete has a patchy appearance as moisture may be present. Conduct a moisture test. A solvent treatment may be required to reactivate any existing sealer which will allow the moisture to evaoprate.

RECOMMENDATION
For the first coat (only), the addition of up to 10% xylene solvent will assist with adhesion, especially with smooth or dense surfaces or for re-sealing.

CAUTION!
Concrete Sealer 310 will dry rapidly in hot and/or windy conditions and may lead to poor adhesion. In these conditions we recommend the addition of 10% Solvent 399 to the first coat (only) to ensure a full bond with the surface.

WARNING!
Warning - heavy vehicles with hot tyres may cause damage on driveways.