CONCRETE SEALER GUIDELINES

Prime Concrete Sealer is a 100% acrylic co-polymer based sealer specifically formulated for sealing and protecting concrete and general masonry substrates from oil, grease, dirt and weather.

FEATURES:

- Excellent durability
- Excellent Water Resistance
- UV Stable
- Reduces Efflorescence
- Suitability for both Interior and Exterior Application

COLOUR RANGE:

Available in Clear & Coloured

FINISH RANGE:

Available in Standard (Semi-gloss)

COVERAGE:

4-5m² per litre for the first coat and 6-7m² per litre for the second coat, depending on porosity.

Considering both coats, Concrete Sealer approximately covers:

10 Litre	=	30-40m²
20 Litre	=	60-80m²

SURFACE PREPARATION:

All surfaces to be sealed must be free from dust, dirt, oil, grease and other contaminants. It is recommended to clean all stained surfaces with degreaser and flush with copious quantities of clean water. Repeat until all residues of contaminant are removed.
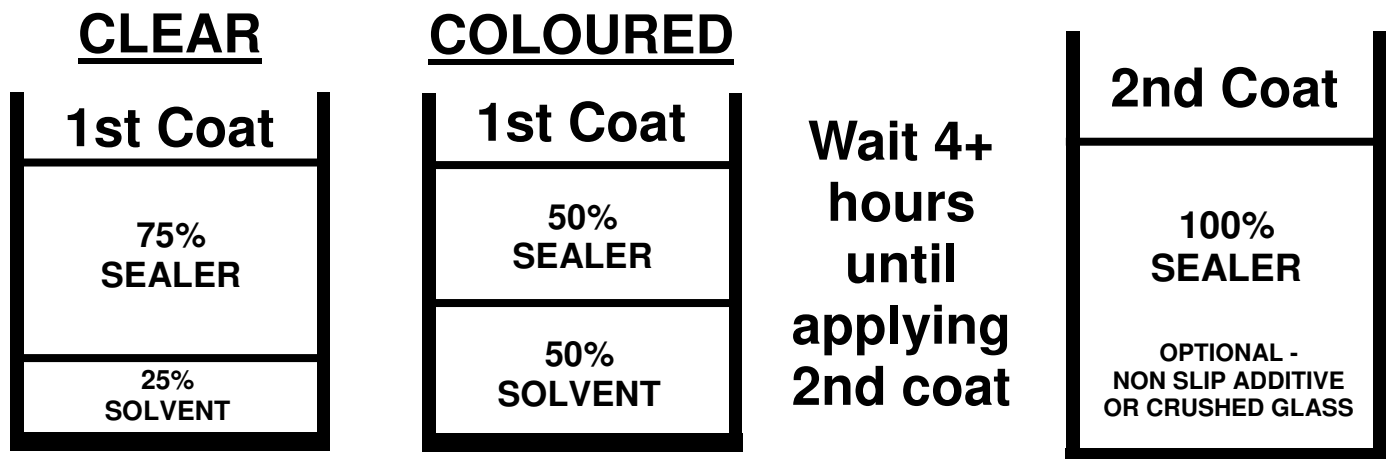
On stain or efflorescence effected surfaces such as coloured concrete, it is recommended to acid etch the concrete to achieve a slightly darker more even colour. Make a 1 part Hydrochloric Acid / 10 part water mixture. Ensuring the surface is wet, pour the mixture over approximately 2-3m² of concrete allowing 30 seconds for the chemical reaction to take place, scrub with a stiff broom and hose off with copious amounts of water. Repeat the above process for stubborn stains.

Allow surface to thoroughly dry prior to sealer application.

Ensure surrounding upright areas are taped to avoid being sealed as well.

MIXING:

Stir Sealer thoroughly. For the **1st coat**, in a separate clean bucket or tin mix as per below,
P.N 1st coat - Clear is mixed @ 75% Sealer/ 25% Solvent - Coloured @ 50% Sealer/ 50% Solvent

CLEAR

1st Coat

75% SEALER

25% SOLVENT

COLOURED

1st Coat

50% SEALER

50% SOLVENT

Wait 4+ hours until applying 2nd coat

2nd Coat

100% SEALER

OPTIONAL - NON SLIP ADDITIVE OR CRUSHED GLASS

APPLICATION:

1st Coat

It is advisable to seal the borders or tight spots of the concrete surface with a paint brush first.
This makes it easier to then simply fill in the remaining areas with a roller cover or broom (broom recommended for exposed aggregate and hot days). After the sealer/solvent mix is thoroughly stirred, pour into paint tray. With a sensible, but generous amount of sealer as per regular painting techniques, apply the sealer over the concrete covering approximately 1.5m² each time.
Make sure all areas are well covered, not leaving any pools of sealer. Avoid going over the same area too many times, uneven application and 'playing' with the sealer can cause blistering.

Recoat Time - Wait 4+ hours until applying 2nd coat. If applied too early, blistering may occur.

2nd Coat

Sealer is applied neat in most conditions. If the surface is too hot or the sealer is applied too thick, blistering may occur. In the event of this a 5-10% Solvent dilution can improve adhesion and avoid blistering, a test patch is recommended if unsure. A non slip additive can be added to the 2nd coat at 1 bag per 20ltr Drum to reduce slipperiness. If the concrete is very porous, a 3rd neat coat may be required, keeping in mind each additional coat will increase the gloss level.

CLEANING:

Concrete Sealer can be removed from tools, equipment & concrete with Solvent.

PRECAUTIONS:

- Prior to sealing, ensure the concrete has cured for **at least 30 days**.
- Avoid applying too early or late in the day, dew can effect adhesion & appearance.
- Even with non slip additive, when wet, sealer on concrete increases slipperiness.
- Provide adequate ventilation during application and drying.
- Keep away from naked flames and sparks.
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SPECIFICATIONS:

Application Temperature	- minimum 5 deg C
	- maximum 30 deg C
2nd Coat / Recoat Time	- minimum 4 hours - next day or after ensure clean & dry
Full Film Formation (Cure)	- 7 days