

Technical Data Sheet

Stain Defend Plus – Water Based (SD+ WB)

Premium penetrating sealer to repel oil & water

Single pack, easy to apply, environmentally friendly

DESCRIPTION

SD+ WB is an environmentally friendly water and stain repelling sealer and hardener specifically formulated for concrete floors.

SD+ WB enhances concrete floors with a tough surface layer that repels liquids and contaminants to protect concrete floors against staining, eroding and dusting.

SD+ WB 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.

SD+ WB emits almost zero toxic odours (VOC's) and is water based, making it safe to use and minimising environmental impact.



USES

SD+ WB is suitable for interior and exterior applications to seal and protect concrete floors that have been mechanically ground, smoothed and polished.

ADVANTAGES

- Fast beading action for excellent water and stain repellence
- Longer lasting protection than conventional sealers
- Easy to buff, enhancing sheen levels
- UV stable with a permanent sheen and excellent weatherability
- Hardens and densifies, increasing abrasion resistance to reduce erosion and dusting
- 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: 20m² per litre.

Honed Concrete: 5-10m² per litre

Note: spread rate will significantly increase for application of second coat, usually twice the spread rate.

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.

APPLICATION

Honed Concrete:

Pour **SD+ WB** onto the honed concrete floor and apply evenly with a microfibre flat mop or soft bristled broom and allow to dry.

Apply a second coat and repeat the application procedure.

Polished Concrete:

Pour **SD+ WB** onto the polished concrete floor and apply evenly with a microfibre flat mop and allow to dry.

Buff the surface to a mirror finish with a red nylon buffing pad.

MAINTENANCE

Cleaning the sealer is best done by using **C3's CTR** cleaner.

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 SDS before use of any product

TYPICAL PROPERTIES

Appearance	Transparent milky green liquid
Spread rate	5 – 20m ² per litre
Drying time at 25°C	30 minutes
Storage Period	2 years at 5 - 35°C
Packaging	5, 20 and 200 litre plastic container

HEALTH AND SAFETY

For detailed information, refer to the current Safety Data Sheet available at www.concretechemical.co

For emergencies, please contact 24-hour phone 1300 792 207.

First Aid Instructions

If swallowed: dilute with milk or water. DO NOT induce vomiting. First aid is generally not required. Call a doctor if necessary.

If in eyes: rinse cautiously with water for several minutes. Remove contact lenses if present. Continue rinsing. May cause irritation and redness. Seek medical attention.

If on skin: wash with plenty of soap and water. May cause redness and irritation. If irritation persists, seek medical advice.

MANUFACTURER'S COMMENT

Use with any other manufacturer's product could result in detrimental effects on the product's performance for which Concrete Chemical Company holds no responsibility, and Concrete Chemical Company cannot be held responsible for failure to follow application instructions. Concrete Chemical Company is continually updating materials and methods. Ensure you have the latest information.

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