



## CONCRETE SEALER WB

### DESCRIPTION

CONCRETE SEALER is a water-based emulsion acrylic suitable for use as a concrete sealer, interior, and exterior applications.

The excellent gloss and clarity also lends it to be used as a sealer for slate, decorative concrete, sandstone, terracotta and terrazzo giving all sealed surfaces the "wet look".

For some of the more porous surfaces the product may have to be applied at least 2-3 times to obtain an effective film build.

For the denser substrates dilute the initial coat with water up to 20%.

CONCRETE SEALER also finds use on asbestos cement sheet as a coating and due to the small particle size of the emulsion, penetrates and binds to the mineral and the concrete matrix, making it an excellent finish to seal this building material.

### RESTRICTIONS

CONCRETE SEALER should not be applied on surfaces below 5degC or above 45degC.

The surface should be clean and dry, conditions where the relative humidity is greater than 85%, combined with low substrate temperatures (5-15degC) or excessive wind chill, may lead to poor film formation, with consequential loss of gloss or in worst cases, loss of adhesion and powdering.

Allow 24 hours before permitting traffic on the surface.

Full dry can take up to 10 days, depending on the weather conditions.

During this time, the coating may be water sensitive, i.e., may go white when on the surface in thick section (0.5-2mm thick).

This property will eventually disappear when the water sensitive solvents present in the film, migrate from the surface.

Sealing of surfaces with very low profiles that have a low coefficient of friction may result in that surface being slippery when wet.

It is suggested that this aspect of sealing be assessed prior to proceeding, and the addition of non-skid additives be explored before commencing the job.

### KEY BENEFITS

- Water based product - environmentally responsible & easy clean-up
- Easy to use, with adequate wet edge
- Levels well and has good bubble release
- Excellent adhesion to decorative concrete, sandstone, and slates.
- Chemically bonds to siliceous substrates
- Durable finish
- Low odour - no petroleum solvents
- Demonstrates medium chemical and excellent water resistance.
- Tint able

### SURFACE PREPARATION

Surface to be clean, dry, dust and grease free.

Any surface imperfections present will be exaggerated - as the coating will not hide them, ensure the surface is as clean as possible.

Ensure the substrate floor is clean, dust, wax, and oil free, after application or laying procedures.

All concrete substrates should be acid etched and neutralised with sodium bicarbonate, prior to CONCRETE SEALER application.

The substrate **MUST** be neutralised and checked with the appropriate pH testing kit before applying the first coat.

Failure to take this precaution may result in delamination from the substrate.

### DIRECTIONS

CONCRETE SEALER can be applied as follows:

Slate, Concrete, Terrazzo, Terracotta, Sandstone, F/C Sheet	Low nap roller ; lamb's wool applicator; sponge applicator or soft nylon broom.
Pattern paved concrete, Exposed aggregate	Airless spray, roller or broom

## CHEMICAL HOUSE

### Headquarters

9 Production Avenue, Molendinar

Queensland, 4214 Australia

Ph: +61 7 5594 0344

[www.chemicalhouse.com.au](http://www.chemicalhouse.com.au)



## CONCRETE SEALER WB

---

Apply evenly on a dry surface, with sufficient time for the coat to dry, (2-3 hours) before recoating.

Two thin coats are better than one thick coat as this can lead to solvent entrapment and subsequent water sensitivity.

The best technique for even coverage is first coat in a North-South direction, with the second East -West.

Do not over work the surface when applying the coating as will interfere with the drying process, damaging the film.

### COVERAGE

On "tight surfaces" expect 8-10m<sup>2</sup>/L.

On more open surfaces (exposed aggregate, stamped concrete) expect 5-8m<sup>2</sup>/L.

### CLEAN UP

Wash up with water when equipment wet, or soak in BRUSH CLEANER BC then rinse with water, if allowed to dry.

### SAFETY, FIRST AID & STORAGE

Refer to Material Safety Data Sheet.

### PACKS

5L, 20L, 200L, 1000L.

### COLORO CONCRETE SEALER WB - PDS JAN 2021

---

This Product Data Sheet (PDS) summarises our best knowledge of the product, including how to use and apply the product based on the information available at the time. You should read this PDS carefully and consider the information in the context of how the product will be used, including in conjunction with any other product and the type of surfaces to, and the manner in which, the product will be applied. Our responsibility for products sold is subject to our standard terms and conditions of sale. Chemical House does not accept any liability either directly or indirectly for any losses suffered in connection with the use or application of the product whether in accordance with any advice, specification, recommendation, or information given by it.

### CHEMICAL HOUSE

#### Headquarters

9 Production Avenue, Molendinar  
Queensland, 4214 Australia  
Ph: +61 7 5594 0344

[www.chemicalhouse.com.au](http://www.chemicalhouse.com.au)

