

PRODUCT:**CONCRETE SEALER****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 more dense substrates dilute the initial coat with water up to 20%. If coating ceramic tiles is what is required only use **Rhino-thane. CONCRETE SEALER** is not suitable for use on terracotta tiles presealed with a penetrating sealer.

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 5°C or above 45°C. and the surface should be clean and dry. Conditions where the relative humidity is greater than 85%, combined with low substrate temperatures (5-15°C) 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, ie 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

- waterbased 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.
- Tintable (use only Liquid Oxides from Chemical House and follow dose rates accurately)

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. The pH of the **SUBSTRATE** after neutralisation should be 7-8; no lower or higher. The pH test kit is available from **Chemical House.**

CHEMICAL HOUSE PTY. LTD.

A.C.N. 010 418 569

9 Production Avenue,
Ernest, Qld. 4214

P.O. Box 595 ASHMORE CITY, Qld. 4214

Phone: 07) 5594 0344
Fax: 07) 5594 0236

DIRECTIONS FOR USE :

CONCRETE SEALER can be applied as follows:-

slate, concrete, terrazzo, terracotta, sandstone, F/C sheet	low nap roller ; lambs wool applicator; sponge applicator or soft nylon broom.
pattern paved concrete, exposed aggregate	airless spray, roller or broom

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. This eliminates "misses". 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 8-10m²/L. On more open surfaces (exposed aggregate, stamped concrete expect 5-8m²/L.

Clean up

Wash up with water when equipment wet, or soak in **BRUSH CLEANER BC40**, then rinse with water, if allowed to dry.

FIRST AID:

If poisoning occurs, contact a doctor or Poisons Information Centre 131126. If swallowed, do **NOT** induce vomiting. Give glass of water. If skin contact occurs, remove contaminated clothing and wash skin thoroughly. If in eyes, hold eyes open, flood with water for at least 15minutes and see a doctor.

STORAGE:

Store away from dangerous when wet classes, oxidising agents (Class 5). **Do not freeze** or store in direct sunlight. All spills should be adsorbed with sand or soil, recovered into a drum then the area thoroughly washed down with water. Dispose recovered material in compliance with local government by-laws.

SAFETY

CONCRETE SEALER is based on selected raw materials with the applicator's exposure to organic solvents kept to a minimum. A Material Safety Data Sheet is available on request.

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

PACKS:

5L, 20L, 200L

Ref:CONCSLWB_PDS

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