

Penetrating Sealer

Viblock Penetrating Sealer is a penetrating sealer for use on external concrete surfaces where a natural finish is desired. This sealer forms a cross linked matrix below the concrete surface, minimising the ingress of dirt and surface water into the concrete or masonry surface.

Precautions:

- Viblock Penetrating Sealer contains flammable solvents - read 'Safety and Handling' information (over page) prior to application.
- Concrete must be fully cured prior to application i.e. *at least* 4 weeks old.
- Viblock Penetrating Sealer cannot be applied to any surface that has been previously coated with any other surface treatment.
- Viblock Penetrating Sealer cannot be applied to concrete below 10°C or above 30°C.
- Viblock Penetrating Sealer should not be applied in the hottest part of the day, or if rain is likely within 8 hours of application.
- Viblock Penetrating Sealer will not act as a filler - pitting or pinholes in the concrete may result in spotting or 'measling' of Viblock Penetrating Sealer when the concrete is wet.

Preparation:

The concrete surface must be properly prepared to enable optimal performance of Viblock Penetrating Sealer. The surface should be clean of any marks or stains as they may prevent sealer adhesion to the surface, or become entrapped by the sealer.

- **New Concrete:** New concrete should be allowed to cure (at least 4 weeks) prior to application. Surface should be then given an acid etch to remove efflorescence (surface laitance), ensuring all residue is completely removed.
- **Existing concrete:** Care must be taken to prepare the surface correctly:
 - Remove ALL existing coatings: Sealer must be applied directly to concrete surface.
 - Remove ALL contaminants: All stains and marks should be removed using the appropriate cleaning agents.

Application:

Viblock Penetrating Sealer can be applied with roller, broom or sprayer.

- A sprayer is the recommended method of application
- Ensure sprayer is equipped with solvent resistant seals.

Apply of 2 coats wet-on-wet i.e. apply the second coat before the first coat has dried completely.

- Surface should still appear 'wet' while second (and subsequent) coats are applied.

Drying time: Viblock Penetrating Sealer typically dries within 2 - 4 hours of application.

- This period may be longer in cold climates, and varies depending on atmospheric conditions, the condition of the surface, and application.

Coverage: Approximately 4 - 10 m²/L

- Coverage will vary greatly depending on the porosity and texture of the concrete.

Cleanup: All equipment can be cleaned with xylene-based thinners.

Maintenance: Once sealed, the concrete surface should be cleaned with non-amonia based cleaners.

'Health & Safety' over page...

Safety and Handling:

- Hazard: Viblock Penetrating Sealer is a Class 3A hazard.
UN Number: 1300 DG Number: 3 Hazchem code: 3(Y)
- Safety: Wear suitable protective clothing, eye protection, protective gloves, and respirator.
- Storage: Store in cool, dry, well ventilated place in original container. Store out of reach of children. Store away from direct sunlight, oxidizing agents (e.g. nitrates), acids, anionic, detergents, and foodstuffs. Keep away from naked flames and other heat sources. Take precautions against static discharge. Ensure container is sealed when not in use, and checked regularly for leaks or spills. Do not allow vapours to collect in enclosed spaces. Viblock Penetrating Sealer can be stored for up to 12 months.

First Aid:

- Swallowed: DO NOT induce vomiting. Give water or milk to drink. Obtain medical attention immediately. For emergency information contact the National Poisons Centre (0800 764 766).
- Eyes: Immediately flood with copious quantities of water, holding eye open if necessary, for at least 15 minutes. Seek urgent medical attention.
- Skin: Remove contaminated clothing and shoes and wash skin thoroughly with excess water. If irritation occurs or persists, seek medical attention. Launder clothing and clean shoes before re-use.
- Inhalation: Remove patient from exposure, keep warm and at rest. If there is respiratory distress, give oxygen and seek immediate medical attention.

Properties:

Appearance.....	clear to light amber
Appearance when dry.....	does not change appearance of concrete
Odour.....	aromatic/solvent odour
Solubility.....	insoluble
Flash Point.....	35°C
Vapour Pressure.....	000 mm Hg @ 20°C
Wet film thickness.....	approx. 0-5 micron
Dry film thickness.....	0 micron

Product Warranty: The information contained in this document is true and accurate to the best knowledge of Allied Concrete. We cannot however anticipate all conditions under which this information and our products may be used. Viblock therefore accepts no responsibility and offers no warranty with respect to results obtained by the application of our products, their suitability, or for their safe use. Viblock warrants our products to be free of manufacturing defects. If the product when purchased was defective and was within recommended storage life when used, Viblock will replace the defective product with new product without charge to the purchaser. Viblock makes NO OTHER WARRANTY, either expressed or implied, concerning our products.