

READY SEALER

(WATER BASED)

Technical Sheet

Allied
Concrete

Allied READY Sealer (water based), is a transparent serviceable sealer for use on concrete floors. It can be applied to both internal and external concrete floors, excluding vehicular traffic areas. READY Sealer displays excellent adhesion to correctly prepared surfaces, is non-hazardous, solvent free, and is very easy to apply.

Precautions:

- READY Sealer (water based) cannot be applied to vehicular traffic areas i.e. driveways and garages.
- READY Sealer (water based) should not be diluted.
- Concrete must be fully cured prior to application i.e. at least 4 weeks old.
- READY Sealer cannot be applied to any surface that has been previously coated with any other surface treatment.
- READY Sealer cannot be applied to concrete below 10°C or above 30°C.
- READY Sealer should not be applied in the hottest part of the day, or if rain is likely within 8 hours of application.
- READY Sealer will not act as a filler - pitting or pinholes in the concrete may result in spotting or 'measling' of READY Sealer when the concrete is wet.

Preparation:

- The concrete surface must be properly prepared to enable optimal performance of READY 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 latence), ensuring all residue is completely removed (washed away).
- 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. If area is heavily contaminated, it is recommended that READY Sealer is NOT applied as there is an increased chance of delamination.

Application:

- READY Sealer can be applied with roller, broom or sprayer.
 - A roller is recommended for smooth surfaces (i.e. internal floors) while brooming or spraying is recommended for external or textured surfaces.
 - Ensure sprayer is equipped with solvent resistant seals.
- Apply in thin coats, avoid pooling

- Apply minimum of 2 coats
 - Porous and ground concrete floors will require additional coats to be properly sealed.
 - Do not apply further coats until previous coat is completely dry.
- Drying time:
 - READY Sealer typically dries within 4-6 hours of application.
 - This period may be longer in cold climates, and varies depending on atmospheric conditions, the condition of the prepared surface, and application.
- Coverage:
 - First coat: Approximately 8-10 m²/L - Coverage will vary greatly depending on the porosity and texture of the concrete.
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- Cleanup:
 - All equipment can be cleaned with water.
- Maintenance:
 - Once sealed, the concrete surface should be cleaned with non-amonia based cleaners.
- Removal:
 - READY Sealer can only be removed by mechanical (i.e. grinding).

Safety and Handling:

- Hazard: READY Sealer (water based) is considered non hazardous.
- Safety: Wear suitable protective clothing.
- 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 foodstus. Ensure container is sealed when not in use, and checked regularly for leaks or spills.
- Do not allow vapours to collect in enclosed spaces. READY 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.

Physical and Chemical Properties:

- Appearance - o-white emulsion
- Appearance when dry - transparent ('semi-gloss' finish)
- Odour - sweet 'plastic' odour
- pH - 8.5-9.2
- Solubility (in water) - dispersible
- Specific Gravity - approx. 1.0 kg/L
- Vapour Pressure - 24.0 mm Hg @ 20°C
- Wet film thickness - typically 50 - 100 micron
- Dry film thickness - typically 20 - 30 micron

Product Warranty: 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. Allied Group 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. Allied Group warrants our products to be free of manufacturing defects. If the product when purchased was defective and was within recommended storage life when used, Allied Group will replace the defective product with new product without charge to the purchaser. Allied Group makes NO OTHER WARRANTY, either expressed or implied, concerning our products.