

CONCRETE SEALER SV24

FOR PROFESSIONAL USE ONLY

PACKAGING 20Litre Resealed Pail & 200Litre Drums.

DESCRIPTION Concrete Sealer 24 is a solution of fast drying thermo plastic co-polymer, which forms films with an excellent balance of flexibility and hardness, exhibiting excellent durability and has excellent grease, water and alkali resistance.

APPLICATION

MATERIAL SAFETY DATA SHEET MUST BE READ BEFORE OPENING THIS PRODUCT.

PREPERATION & CLEANING

NEW CONCRETE: Ensure concrete is sufficiently cured (recommended minimum 14 days), is clean and free of grease and oil. Remove any loosely bound cement and laitance by acid etching with hydrochloric acid diluted 10 parts water to 1 part acid. Clean the area using a high pressure cleaner. This process will also provide a better surface for adhesion. Ensure all acid is removed and allowed to thoroughly dry prior to sealing.

OLD CONCRETE: Requires cleaning to remove any substance which could affect adhesion eg; paint, algae, mildew, mould, oil or grease. Once substances are removed, wash down area using a heavy duty cleaner, acid etch with a hydrochloric solution of 10 parts water and 1 part acid. Pressure clean using clean water. Ensure all acid is removed. Allow to thoroughly dry before sealing.

MOISTURE / DRY TEST

Moisture should be below 10% using a Moisture Meter or, place a piece of plastic over a small area, tape the edges and leave for 1 hour. Remove the plastic if there is no moisture on either surface, concrete is sufficiently dry for sealing.

APPLYING

Liberal apply the area first with Concrete Primer SV21 and leave to dry for a minimum of 24-28 hours. Concrete sealer SV24 can be applied by solvent resistant broom or lamb's wool roller. The sealer is normally applied in 2 coats making sure that the film build is sufficient to provide performance and durability required. To obtain a lower slip factor it is advisable to use the appropriate Slip Resistant Additive with the sealer for better grip under adverse conditions.

USAGE RATE

1 x 20Litre Pail covers approximately 60 m² [2 coats] depending on the porosity and surface texture of the concrete.

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SPECIFICATIONS

SOLIDS	24% plus or minus 1%
UV LIGHT	Very good resistance
THINNING	Solvent Xylene
RECOMMENDED FILM BUILD DRY	50-75 microns
APPLICATION RATE	2.5 – 6 m ² /litre per coat
FILM BUILD WET	200-300 microns
APPEARANCE	Water White

CHEMICAL RESISTANCE

50 micron dry film cured for 28days @ 25°C before testing with one hour soak.

ACID	10% Hydrochloric acid – no visual effect
ALKALI	1% Caustic Soda – no visual effect
MINERAL TURPENTINE	Slight softening – re harden 8 hours
PETROL REGULAR UNLEADED	Very slight softening – re harden 1 hour
METHYLATED SPIRITS	Sealer turns white
CHLORINE	5% no visible effect
SALT	No visible effect
LAUNDRY POWDER 1% SOL.	No visible effect
BRAKE FLUID	Softening and slight dulling – immediately clean with solvent
HYDRAULIC FLUID	No visual effect
KEROSENE	No visual effect

DRYING TIME

Touch Dry	1-2 Hours
Foot Traffic	24 Hours minimum
Vehicle Traffic	72 Hours minimum

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LIMITATIONS

Not for food preparation areas. Not a waterproofing membrane. It is not recommended to seal at extreme temperatures that is below 8°C and above 30°C.

STORAGE

Storage of product should be undercover, away and out of direct sunlight and avoid extreme temperature changes.

SHELF LIFE

Under normal storage conditions, in unopened containers, this material would have a shelf life of 2 years from date of manufacture.

CLEANING

Clean equipment with xylene.

SAFETY

Refer to the Material Safety Data Sheet before handling or using this product.

DISPOSAL

The same as for hazardous substance or as required by local authorities.

PRODUCT WARNING

On-Crete Australia Pty Ltd has no control over the use or storage of this product and therefore does not accept any liability in this regard. Any verbal advice given should not be regarded as authoritative information. This information is subject to change without notice, therefore all applicators should ensure they have current information. This product is intended for the use only of skilled tradesmen and where applicable, statutory licensed tradesmen experienced and trained in the use of this product. This product is warranted to be of uniform quality within the manufacturer's tolerance. This manufacturer has no control over the use or misuse of this product, therefore no warranty rests or implied, is or can be made either as to the effects of such use. The manufacturer's obligations shall be limited to replacing product proving to be defective.