

WATER BASED EPOXY SV50

FOR PROFESSIONAL USE ONLY

PACKAGING PART A 10Litre Pail and PART B 5Litre pail (Total volume 10 Litres).

DESCRIPTION Easy to apply, low odour low voc, 2 part water based epoxy (Part A Resin and Part B Hardener) to be used as a primer and finished coats for internal concrete floors and walls where good abrasion and chemical resistance is required. Abrasion resistance can be improved with the addition of hard wearing slip reducing additives. Also used as a base for chip / flake flooring. Used for domestic or commercial applications. SV50 is a low voc formula suitable for use in food and beverage areas.

COLOUR Supplied as opaque white colour and can be tinted with suitable water based tints.

APPLICATION

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

PREPERATION & CLEANING

Ensure concrete is sufficiently cured (recommended minimum 14 days). The surface requires cleaning to remove any substance which could affect adhesion (example: concrete sealer, 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 neutralized and removed. Allow to thoroughly dry before applying epoxy. If it is not possible to acid etch the surface, it must be abraded until the surface has a rough texture adequate for the epoxy to adhere to. Holes and cracks should be filled using appropriate epoxy filler.

MOISTURE / DRY TEST

Using a calibrated moisture meter ensure the concrete has less than 20% moisture content prior to sealing.

MIXING

Mix equal parts of **PART A** and **PART B** together. While mixing scrape both the sides and bottom of the container and ensure it is thoroughly mixed and colour is uniform white. Tint can be added if required.

APPLYING

Tape up any areas before application and remove while the epoxy is still wet. Apply a prime coat using a low nap lint free roller and diluting the SV50 with 10% - 20% water, allow approx 2-3hrs to cure. Apply 1 – 2 additional coats allow to cure between coats. If to be used as a full coloured coating than additional two coats will be required after priming.

Dry time @ 20°C – 48hrs foot traffic and 72hrs for vehicles.

POT LIFE

Once mixed approximately 45-60 minutes @ 25°C

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USAGE RATE

Approximately 8m² per litre depending on surface texture.

SPECIFICATIONS

After Mixing equal volumes of A & B

APPEARANCE	White opaque viscous liquid.
SHELF LIFE	12-24months
THINNER	Water
CLEAN UP	Water/ methylated spirits
SPREAD RATE	Approximately 8m ² per litre
POT LIFE	45-60 minutes (approx)
FLEXIBILITY	Good
ADHESION TO CONCRETE	OLD & NEW - Excellent

CHEMICAL RESISTANCE

Fully Cured – 2 weeks immersion @ 20°C

WATER	Little or no effect
10% CAUSTIC	Little or no effect
UNLEADED PETROL	Little or no effect
10% ACETIC ACID	Little or no effect
10% SULPHURIC ACID	Little or no effect
ANTIFREEZE	Little or no effect
CRUDE OIL	Little or no effect
VEGETABLE OIL	Little or no effect
XYLENE	Little or no effect
SEA WATER	Little or no effect

LIMITATIONS

It is not recommended to seal at extreme temperatures that is below 8°C and above 30°C. Internal use only. Low yellowing when exposed to UV light.

STORAGE

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

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SHELF LIFE

12 - 24 months.

CLEANING

Clean equipment with water or methylated spirits.

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.