

SV55 WATER BASED EPOXY

FOR PROFESSIONAL USE ONLY

PACKAGING 10L Kit

DESCRIPTION **SV55 Water Based Epoxy** is a fast drying, 2 component waterborne system especially designed for adhesion to and protection of mineral substrates. Used on its own it will protect your concrete by dust proofing it and by providing excellent stain resistances to oils and other contaminants. It can also be used as a primer for subsequent Top Coats such as waterborne and solvent polyurethanes and 100 % solids epoxies.

PRODUCT

- excellent adhesion on mineral substrates (concrete)
- penetrates and binds surface particles
- excellent chemical and stain resistances
- visible application (milky when applied, dries clear)
- fast drying times
- easy to use
- low odour
- long pot life

AREAS OF APPLICATION garage floors, factory floors, shop floors, walls, internal car parks, warehouses, store rooms and corridors.

LIMITATIONS Epoxies yellow under the influence of UV light. Only for interior use when used on its own.
When left in contact with different types of rubbers eg.(car tyres) yellow staining can occur. If to be used in such areas, please use a suitable barrier such as a carpet tile or suitable topical sealer.

APPLICATION

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

PREPERATION & CLEANING

Surface must be clean and sound, free from oils, dust, chalk mildew and any other contaminants. If any of these are present then remove accordingly, either by scraping, sanding or power washing. Mildew must be removed with an appropriate solution. New masonry must be cured 30 days prior to application of the primer. Further preparation such as, grinding, shot blasting or acid etching are essential for optimum adhesion.

MIXING

Mixing ratio is 1:1 by volume

Mix Part B into Part A and stir thoroughly until the mixed product has a uniform consistency. It is recommended that a mechanical stirrer is used for this process to achieve optimum uniformity. The product is now ready to use.

APPLICATION PARAMETERS

Avoid low surface air temperatures as well as high humidity as this will increase drying time and curing rate. Do not apply below 10°C or above 85% relative humidity.

APPLYING

Apply a prime coat using a low nap lint free roller or spraying, allow to cure. Apply 2-3 coats for optimum protection, allow to cure between coats.

RE-COATING

It is best to let the coating cure for as long as possible before re-coating with another product. Care must be taken when re-coating with 2 Component Waterborne Polyurethanes as uncured parts of the Epoxy Primer may interfere with the PU curing process and end properties.

MAINTENANCE

Spills should be removed immediately and allowed to dry. General cleaning with broom, vacuum, mop and bucket, mechanical scrubbers and sweepers can be used to maintain the floor. The frequency of these depends upon the usage of the floor.

POT LIFE

Approximately 4 hours. The pot life is not visible through thickening. Set a clock to determine end of pot life.

USAGE RATE

Approximately 6m² per litre at 50 micron (DFT).

SPECIFICATIONS (After mixing equal volumes of A & B)

APPEARANCE	Clear semi-gloss.
SPECIFIC GRAVITY	1.1
MIXING RATIO	1:1 by weight/volume
SOLIDS (MIXED)	30%
DFT @ 5m²/L	50 µ
DUST FREE	45 minutes*
RECOATABLE	45-90mins*
THROUGH DRY	5 days*
POT LIFE	4 hours* (not visible)

*depending upon relative humidity, air circulation, temperature and film thickness.

STORAGE

Storage of product should be undercover, away and out of direct sunlight and avoid extreme temperature changes. Do not allow to freeze.

SHELF LIFE

12 - 24 months.

CLEANING

Wash up in water immediately after use.

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.