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## TECHNICAL DATA SHEET ONCRETE® EP52 EPOXY PRIMER

### FOR PROFESSIONAL USE ONLY

<b>PACKAGING</b>	12L Kit (8L Part A & 4L Part B)
<b>DESCRIPTION</b>	<p>Oncrete® EP52 is a two-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.</p> <p>It can also be used as a primer for subsequent topcoats such as waterborne and solvent polyurethanes and 100 % solids epoxies.</p>
<b>FEATURES</b>	<p>Excellent adhesion on mineral substrates (concrete)</p> <p>Excellent chemical and stain resistances</p> <p>Easy to use</p> <p>Low odour</p> <p>Keeps the substrate light</p>
<b>AREAS OF APPLICATION</b>	Typically used as clear coat over honed concrete to achieve a polished concrete look.
<b>LIMITATIONS</b>	Epoxies yellow under the influence of UV light. Only for interior use when used on its own.

### APPLICATION

**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 2:1 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.



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### 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.

### POT LIFE

Approximately 45 minutes. The pot life is not visible through thickening. Set a clock to determine end of pot life.

### USAGE RATE

Approximately 6m<sup>2</sup> per litre at 50 micron (DFT).

### 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, 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. The manufacturer has no control over the use or misuse of this product, therefore no warranty rests, is implied, or can be made as to the effects of such use. The manufacturer's obligations will be limited to replacing product proving to be defective.