

# Cemseal E100SL

Solventless Epoxy Floor Coating System

**cemseal**<sup>®</sup>  
Your Construction Chemical Partner

## The Product

Cemseal E100SL is a 98% solids low odour epoxy coating designed for using as a floor or deck coating. It makes the industrial floors dust-free, easily cleanable, joint-less and good abrasion resistance. Its finishing is glossy and available in a wide range of attractive colours.

## Uses

- » New / old factory floors
- » Warehouse floor
- » Re-surfacing of factory floors
- » Food processing plants
- » Laboratories
- » Primary used in floor surfaces subjected to light traffic exposure and mechanical abuse
- » Other industrial sectors where a clean working environment is required

## Advantages

- » Good resistance against light and foot traffic
- » Seamless and monolithic application
- » Economical to use due to its easiness and time saving
- » Good workability for easy and fast application
- » Good chemical resistance to wide range of chemicals (Subjected to approve by Cemseal Technical advice)
- » Prepackaged for accurate on-site mixing

## Technical & Physical Data

Colour	Component A	: Liquid / Standard colour chart
	Component B	: Liquid / Clear
	Component A + B	: See separate colour chart
Packaging	Component A + B	: 6 kg / set
Coverage		30 m <sup>2</sup> / coat / set
Pot Life at 25°C		20 minutes
Curing Time at 25°C	Foot Traffic	: 24 hours
	Fully Cured	: After 7 days
Thinner / Cleaner		Xylene or M.E.K. Solvent
Shelf Life		12 months of kept in a cool dry sheltered place

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## Method of Statement

### Substrate Preparation

**NEW CONCRETE :** The surface must be firm, dry, clean, free of dirt, oil, grease and all other foreign matter. The age of new concrete must be at least 28 days and a minimum tensile strength of 200 psi is required of the prepared surface before coating. Mechanical methods such as sandblasting, scarifying or shot blasting should be carried out to remove the weak layer of surface laitance. Acid etching is possible but less desirable. Care must be taken to ensure all residue acid must be removed with clean water before priming.

**EXISTING CONCRETE :** The surface must be existing structurally sound, dry and free of all contaminants. Weak or contaminated concrete must be removed until sound concrete is realized. Old coatings, toppings, waxes, oils etc. must be removed by mechanical methods or acid etching before priming. Acid etching is possible but less desirable.

### Priming

Apply by roller one coat of Epoxy Penetrating Primer. Allow to become dry overnight before applying Cemseal E100SL solventless epoxy floor coating.

### Mixing

First pour the liquid Component A into a suitable container and stir with a slow speed paddle stirrer. Slowly, add Component B until a consistent colour is achieved.

### Application

Apply the mixed Cemseal E100SL compound onto the prepared floor and an intermittent period of 8 hours should be allowed prior to the subsequent coats. Cemseal E100SL epoxy resin coating can be applied either by roller, sprayer or brush.

### Limitation

Do not apply over moisture, in damp or wet concrete or rising dampness conditions. Do not thin with solvents.

The application of Cemseal E100SL is not possible at below 15°C and on frozen surface.

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### **For Further Information**

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### **First Aid**

In case of contact with eyes, skin or body wash immediately with clean fresh water or stand under shower and wash off. In case of inhaling of vapor or ingestion remove to fresh air and do not induce vomiting. **Obtain immediate medical treatment.**

### **Statement of Responsibility**

The technical information and application advice given in this Cemseal publication are based on the present state of our best scientific and practical knowledge. As the information herein is of a general nature no assumption can be made as to a products suitability for a particular use or application and no warranty as to its accuracy, reliability or completeness either expressed or implied is given other than those required by law. The user, is responsible for checking the suitability of products for their intended use.

### **Note**

Field service where provided, does not constitute supervisory responsibility. Suggestions made by Cemseal either orally or in writing may be followed, modified or rejected by the owner, engineer or contractor since they, and not Cemseal are responsible for carrying out procedures appropriate to a specific application.

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