

Cemseal E200SL

(Built-Up System)

Solventless Epoxy Resin Floor

cemseal[®]

Your Construction Chemical Partner

The Product

Cemseal E200SL (Built-Up System) is a 98% solid low odor epoxy coating designed for using as a high build floor coatings, self-smoothing floors, broadcast floors, textured coatings and mortar leveling. 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 colors.

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 (Subjected to approve by Cemseal's technical advice)
- » Prepackaged for accurate on-site mixing

Technical & Physical Data

Compressive Strength	55 N/mm ²	
Flexural Strength	15 N/mm ²	
Colour	Component A	Liquid / Standard colour chart
	Component B	Liquid / Clear
	Component C	Pre-weighed Powder / Silica sand / Aggregate
Packaging	Component A + B	30 kg/set
	Component C	25 kg/bag - Powder
	Component C	50 kg/bag - Silica sand / Aggregate
Mixing Ratio	Self-Smoothing	A+B:C = 1:1
	Broadcast	A+B:C = 1:2
	Mortar Leveling	A+B:C = 1:2
Coverage	1.60 kg/m ² /mm	
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	

Cemseal Industries Sdn Bhd
(Co. No.884153-T)
9 & 11, Jalan Besi,
Taman Sri Putri,
81300 Skudai, Johor,
West Malaysia

T +607-558 3320

F +607-556 9127

E info@cemseal.com.my

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 short blasting, scarifying or sand 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 remove 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 remove until sound concrete is realized. Old coating, toppings, waxes, oils etc must be removed by mechanical methods. Acid etching is possible but less desirable. Care must be taken to ensure all residue acid must be remove with clean water before priming.

Priming

Apply by roller one coat of Epoxy Penetrating Primer. Allow it to become dry overnight before applying Cemseal E200SL Solventless Epoxy Floor Coating.

Mixing

Cemseal E200SL (Built-up System) is supplied in pre-weighed and blended units. 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

Pour the mixed material on to the primed substrate, spread with a trowel or squeegee to the desired thickness and coverage rate and allow it to self-smooth. The material must be rolled with a spike-rolled on completion to remove and release any air entrapped in the system. Rolling must be done immediately after placing the material. Do not attempt to float the setting surface.

Limitation

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

The application of Cemseal E200SL (Built-up System) is not possible at below 15°C and on frozen surface.

For Further Information	Cemseal Industries Sdn Bhd (Company No. 884153-T) No. 9 & 11, Jalan Besi, Taman Sri Putri, 81300 Skudai, Johor, West Malaysia. Tel : 607-558 3320, Fax : 607-556 9127, E-mail : info@cemseal.com.my
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.