

Cemseal E100SB

Solvent Based Epoxy Floor Coating System

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Your Construction Chemical Partner

The Product

Cemseal E100SB is a solvent base, epoxy resin base industrial floor and wall coating system. It consists of modified epoxy resin and pigments. It is designed specially for thin layer coating and provides a semi-glossy finish. It makes the industrial floors dust-free, easily cleanable, joint-less and good abrasion resistance. It is available in a wide range of attractive colours.

Uses

- » New / old factory floors
- » Warehouse floor
- » Re-surfacing of factory floors
- » Tank Exteriors & Steel Structural
- » 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
- » 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	: 5 kg / set
Coverage		10 m ² / coat / liter
Pot Life at 25°C		30 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	<p>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.</p> <p>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.</p>
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 E100SB compound onto the prepared floor and an intermittent period of 8 hours should be allowed prior to the subsequent coats. Cemseal E100SB epoxy resin coating can be applied either by roller, sprayer or brush.
Limitation	<p>Do not apply over moisture, in damp or wet concrete or rising dampness conditions. Do not thin with solvents.</p> <p>The application of Cemseal E100SB is not possible at below 15°C and on frozen surface.</p>

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