

CICO POXY SL 2000 S

SELF LEVELLING HIGH BUILD EPOXY FLOOR COATING

CICO POXY-SL 2000S is a high build four pack economical self-leveling epoxy floor topping system with high chemical and abrasion resistance property. It provides non-dusting, easily cleaned, coloured semi-glossy/ glossy surface.

Pack –A Base

Pack –B Hardener

Pack –C Filler

Pack –D Pigment Paste

USES

CICO POXY-SL 2000S is seamless protective floor topping used in industries with medium to high vehicular traffic like power plants, exhibition halls, shops, pharmaceutical & fertilizer industries, laboratories, bakeries, super-markets, show rooms, bottling plants, warehouses, breweries, garages, machine shops, chemical plants, dairies, hospitals, refineries, subways, electronics & computer industries, etc.

FEATURES

- High mechanical strength, hard wearing and long lasting.
- Very high Bond and Adhesive strength.
- Good abrasion resistance.
- Chemical resistance – mostly industrial chemicals.
- Self-leveling, smooth, glossy and hygienic seamless surface
- High impermeability to water and industrial oils.
- Does not support bacterial growth.
- Easy to clean.

METHODS OF USE

Surface Preparation

A sound, clean and dry substrate is absolutely essential for successful coating application and in ensuring maximum bonding between the substrate and flooring system. Floor should be made dry, clean and free from laitance, dust, grease, paint, etc. by scrubbing followed by thorough water wash and wire brushing and then air drying. As the case may be, detergent wash may also be done. The choice of surface preparation should be determined by the nature and extent of contaminants present on the concrete surface. Damaged or uneven areas, cracks etc. should be made good.

Mixing

A suitable power driven mixer / stirrer is recommended for uniform mixing of the self-leveling coating. Stir the base and hardener separately. Add pigment paste to the base container and mix for 20-40 seconds or until a homogeneous color is obtained. Add hardener into the base and stir well till a uniform color is achieved. Add slowly the aggregates into the mixed base and continue mixing till (2-3minutes) a smooth homogeneous mass is obtained. Wait for 5 minutes for induction and to release entrapped air from the epoxy mix. Remix the mass again before apply it. All packs are pre-weighed and ready for onsite mixing. Do not use fraction of any PACK. Always use whole packs for best results.

Application

The product may be applied by a notched/smooth steel trowel to the required thickness. The entire mixed material should be poured on to the primed surface and spread slowly and evenly. To ensure proper leveling and appearance avoid overspreading. The laid material should be rolled firmly with a spike roller to ensure compactness and de-aeration of the film. While application, the substrate temperature should be at least 3°C above dew point but not above 40°C

TECHNICAL DATA

Appearance	Semi-gloss to Gloss
Colour	Range
Specific Gravity	1.65±0.05
Application Temperature	Minimum +8°C
Coverage (Theoretical)	1.65kg /mm/m ² thickness
Pot life at 27°C	40 minutes for 1kg mass
Tack free time at 30°C	12±3 hours
Initial cure at 27°C, for pedestrian traffic	After 24hours
Compressive Strength,7 day	550 kg/cm ²
Flexural Strength	350 kg/cm ²
Abrasion Resistance	Less than 0.1g/100 cycle
Full cure	7 days
Flash Point	Base - Not less than 28°C
	Hardener - Not less than 28°C
Shelf Life	24 Months
Recommended Thickness	1.5-2mm

STORAGE

Store in a cool and dry place.

PACKAGING

16 kg Kit.

Important Note:

All CICO products are sold in the market after strict Quality Control in line of ISO 9001 and guaranteed against any manufacturing defect. Although the basic formulation of Company's products generally remains unchanged, production refinements arising from continuing research and evaluation program may occasionally result in marginal changes in properties. CICO aspires to ensure that any recommendation, advice, test data, specification, method statement and other information given in this product datasheet is accurate and best of company's knowledge. Since, the company (CICO TECHNOLOGIES LTD) has no control over the selection of its product, applicators, application methodology, how and where it is applied, therefore, the company cannot accept any liability directly or indirectly arising from the use of its product. It is important to any customer, user or specifier satisfies him / herself that the product is suitable for the intended purpose including health, safety and environmental aspect. Unless or otherwise agreed in writing, all products of the company are sold strictly pursuant to the terms of our standard conditions of sale which are available upon request. All information and technical assistance is given without warranty or guarantee and is subject to change without notice. All customers, users, specifiers should ensure that they examine the suitability of the product with company's latest product data sheet.

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