

CICO POXY SCREED SL

HEAVY DUTY SOLVENT FREE EPOXY FLOOR SCREED

CICO POXY SCREED-SL is a high build three pack solvent free self-leveling epoxy floor screed system with high chemical and abrasion resistance property. It provides non-dusting, easy to clean and non-slipping floor.

Pack –A Base

Pack –B Hardener

Pack –C Filler

USES

CICO POXY SCREED-SL 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. In areas where high degree of cleanliness is required CICO POXY SL / CICO POXY-TC-200 shall be used as top coat with desired colour finish.

FEATURES

- High mechanical strength, hard wearing and long lasting.
- Very high bond and Adhesive strength
- Good abrasion resistance.
- Chemical resistance-mostly industrial chemicals.
- Hygienic seamless surface.
- High impermeability to water and industrial oils.
- Does not support bacterial growth.
- Easy to clean.
- No VOC

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 (**not more than 5% surface moisture**), 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, light sand blasting detergent wash and /or acid etching 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 **CICO POXY SCREED-SL**. Stir the base and hardener separately. Mix hardener gradually into the base under continuous stirring as per the stated mixing ratio. Continue the mixing for 3-4 minutes. Mix the aggregates into the mixed resin portion uniformly under continuous mechanical agitation. Mix well for 5-6 minutes till the components become homogeneous.

Application

The product shall be spread by a notched steel trowel to the required thickness. The entire mixed material should be placed on to the **primed surface (use CICO POXY – 21P Primer)** and spread slowly and evenly. To remove any entrapped air from the coating use spike roller immediately after spreading of **CICO POXY SCREED-SL**. Ensure proper leveling and full compaction of freshly laid screed. While application, the substrate temperature should be at least 50C but not above 500C. Ensure all existing expansion joints are continued through the **CICO POXY SCREED -SL**.

TECHNICAL DATA

Appearance of cured film	Matt
Pack – A (Resin)	Light coloured liquid
Pack – B (Hardener)	Amber coloured liquid
Pack – C (Filler)	White free flow powder
Specific Gravity	1.8 ± 0.2
Application Temperature	Minimum +8°C
Coverage (Theoretical)	1.8 kg /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	750 kg/cm ²
Flexural Strength	320 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 from the date of manufacturing when stored in sealed original packing in cool and dry place at a temperature range of +5 to 30°C and away from direct sunlight.
Recommended Thickness	2-5mm

STORAGE

Store in a cool & dry place.

PACKAGING

Pack (A+B) = 6 Kg, Pack

Pack (A+B+C) = 18 Kg &

Pack C = 20 kg

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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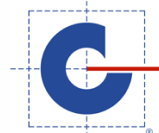
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