



CL – EPOFLOR TC262SF

SOLVENT FREE EPOXY THIN COATING

DESCRIPTION

CL – EPOFLOR TC262SF is a 2-component solvent-free epoxy coating for protecting vertical and horizontal surfaces of concrete and steel. This low odour coating system is specially designed for areas where solvent-based material is unsuitable.

FIXES

Suitable for food process manufacturing, laboratory, loading ramp, kitchen and workshop.

FEATURES

- Low odour
- Excellent resistance to chemical, abrasion and thermal shock.
- Low permeability to water and chloride
- Superior bonding strength

TECHNICAL INFORMATION

Pot Life	: 30 min @ 25°C
Touch dry Time	: 4 hr @ 25°C
Recoat Time	: 12 hr @ 25°C
Full Cure	: 7 day
Adhesion strength	: >1.5 N/mm ² (concrete failure)
Abrasion resistance	: < 0.20g/1000 cycles
Mixing Ratio (A:B)	: 15 : 5

Chemical resistance test:

Type of Chemical	Excellent	Good	Limited
Hydrochloric Acid 10%	O		
Sulfuric Acid 25%		O	
Citric Acid 10%	O		
Acetic Acid 5%	O		
Lactic Acid 10%		O	
Acetone	O		
Methanol	O		
Sugar Syrups	O		
Caustic Soda 50%	O		
Petrol	O		
Oil	O		
Detergent	O		

SUBSTRATE CONDITION

- Moisture content less than 4%.
- Substrate temperature: min. +10°C, max. 30°C
- Ambient temperature: min. +10°C, max. 30°C
- Relative humidity: max. 80% RH
- Floor concrete of Grade 20 or above.

SURFACE PREPARATION

Concrete surface must be treated by shot blasting or scarification. Steel surface must be treated by grit blasting to achieve SA 2 ½. Loose contaminant must be removed mechanically to ensure the substrate is sound. All damages and uneven surfaces of floor have to be repaired and leveled. Surface must be dry and free from rising damp, dust free open textured surface.

PRIMING

Prime the surface with solvent-free primer CL-EPOFLOR P111SF at the rate of 0.25kg/m². TWO coats may be necessary if the substrate is porous. Whereas, no primer will be required for steel substrate.

MIXING

Add Part B (Hardener) into Part A bucket and mix with mechanical mixer at low speed until homogenous and care to be taken in order not to entrap air.

APPLICATION

Immediately after mixing, apply by using roller or spray method at the recommended thickness. Let it dry and recoat after about 12 hours depending on the climatic condition.

PRECAUTION

- Do not apply onto surfaces known to suffer from rising damp conditions or having a relative humidity of greater than 75%.
- Temperature should not fall below 5°C within 24 hours after application.
- Do not apply to substrates that make of asphalt, unmodified sand cement screeds, PVC tiles or tiles.
- If there is movement or cracking of the substrate after application, it will reflect the cracking at the topping. All expansion joints should be maintained in the topping.

COVERAGE

6 m² / kg / coat, minimum 2 coats.

COLOUR

Available in light grey, pewter grey, ash grey, peacock blue, bright green, gull green, MDF green, sand, signal yellow and orange. Other colour can be matched upon request.

SHELF LIFE

1 year when stored in a cool and dry place, sealed in an unopened container.

PACKING

Available in 20kg set, consisting of 15kg of Part A and 5kg of Part B.

Disclaimer: Specification are subject to change without notification.

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