



CL – EPOFLOR TC292SF

SOLVENT FREE EPOXY THIN COATING

DESCRIPTION

CL – EPOFLOR TC292SF is a 2-component solvent free general purpose epoxy coating. It is also can be used as primer for substrate that has cissing problem. When cured, it forms a gloss, impervious finish which is easily cleaned.

FIXES

Suitable for use as floor and wall coating where protection against chemical is required. Can be used on concrete, stone and timber substrates. Ideal for dry area in production, laboratories, packaging plants, light industrial and the like.

FEATURES

- Good adhesion properties
- Provides dust free surface that easy to clean
- Durable
- Self-priming

TECHNICAL INFORMATION

Pot life	: > 30min @ 25°C
Recoat Time	: 8 hr @ 25°C
Light Foot Traffic	: 24 hr
Full Cured	: 7 day
Bonding Strength	: > 1.5 N/mm ² (concrete failure)
Temperature resistant (dry)	: 80°C
Recommended dry film thickness	: 100 µm
Mixing ratio (A:B)	: 2 : 1 by weight

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

Substrate to be coated must be sound, clean and free from any contaminant. For concrete surface, mechanical stone grinding should be carried out followed by thorough vacuuming. 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.

MIXING

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

APPLICATION

For porous substrate, dilute the mix with about 10% of thinner and apply as primer. Apply by using roller or spray method. For subsequent coat, either 1 or 2 coats of full strength or thin with 5% of thinner dependent on the absorbcency of the substrate or the opacity of the colours, especially light colour. Allowed first coat to dry before applying second coat, normally at least 8 hours apart depending on 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 expose the finishing coating to any strong chemicals which is acidic or alkaline such as hydrochloric acid, sodium hypochlorite, ammonia etc. which may cause the coating loss of glossiness.

COVERAGE

0.3 – 0.5kg/m²/ coat, minimum 2 coats.

COLOUR

Available in clear, 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 30kg sets, consists of 20kg Part A and 10kg Part B.

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Disclaimer: Specification are subject to change without notification.



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