



CL – EPOFLOR TC212WB

WATER BASED EPOXY COATING FOR FLOOR AND WALL

DESCRIPTION

CL – EPOFLOR TC212WB is a 2-component water based epoxy sealer / topcoat that are permeable to water vapour. This environment friendly coating system is specially designed for floor and wall where solvent-based material is unsuitable. After cured, it forms a satin finished seal to concrete. It also provides dust-proof surface which is easily cleaned and resistant to most oils and liquids.

FIXES

Suitable for use on walls and floors in warehouses, garages, light industrial and food processing areas, kitchens and other areas of pedestrian and light vehicular traffic.

FEATURES

- Water based
- Self-priming
- Low odor
- Good adhesion on concrete surface
- Resistance to wearing
- Good resistance to wide range of chemicals
- Economical

TECHNICAL INFORMATION

Pot Life	: 30 min @ 28°C
Minimum Recoating Time	: 14 to 18 hours @ 28°C
Light Foot Traffic	: 24 hours @ 28°C
Full Cure	: 7 days 28°C
Minimum dry film thickness	: 150 µm/coat
Adhesion Strength	: > 2N/mm ²
Abrasion resistance	: Loss 0.06g@ 1000 cycles, CS17 wheel, 1kg load
Mixing Ratio	: 4 : 1

SUBSTRATE CONDITION

- Substrate temperature: min. +10°C max. 45°C
- Floor concrete of Grade 25 or above.

SURFACE PREPARATION

Surface to be coated must be sound, clean - free of dirt, dust, grease, oil, wax, curing compounds and other contaminants. Mechanical grinding should be carried out followed by thorough vacuuming. For cracks, voids, chipped edges, uneven surfaces and holes, repair with CL-Rapid Repair. Due to CL-Epoflor TC212WB is applied at relatively thin coating, the substrate must be in fine textured. Any surface irregularities may show through causing excessive wear on high spots and changing the perceived colour of the coating. Fresh concrete must be cured for at least 21 days prior to application.

MIXING

Stir Part A for about 30 seconds by using low speed mechanical mixer (300 – 400 rpm). Then add in Part B at the ratio of 4:1 by weight. Stir the mixture at low speed for 1 minute until homogeneous. Add 5 - 10% of clean water while mixing continues for a further 1-2minutes.

APPLICATION

Apply by brush, short hair roller, airless or conventional spray. Apply 2 coats depending on substrate conditions. Where for first coat, the mix can be diluted with more water of up to 10% as primer for better penetration. Subsequently, apply second coat of full strength with less thinning of water dependent on substrate porosity or the opacity of colours.

COVERAGE

Approximately 5.5m²/kg/coat.

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.

FINISHING

Satin finish

SHELF LIFE

12 months when store in cool and dry place, sealed in unopened container.

PACKING

Available in 5kg set.

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Disclaimer: Specification are subject to change without notification.



CLP since 1947
HQ/SINGAPORE : CLP INTERNATIONAL PTE LTD
CHIN LEONG CONSTRUCTION SYSTEMS PTE LTD
TEL : +65-6265 2788
FAX : +65-6265 1240
Email : chinleong@clp.com.sg

MALAYSIA: CLP CONSTRUCTION SYSTEMS SDN BHD
SELANGOR MALACCA
TEL : +60-3-3176 5099 TEL : +60-6-263 1677
FAX : +60-3-3176 2797 FAX : +60-6-263 1215
Email : clp@clp.com.my

JOHOR
TEL : +60-7-252 5385
FAX : +60-7-252 5391

KEDAH
TEL : +60-4-489 3066
FAX : +60-4-489 1877

PERAK
TEL : +60-5-292 6986 / 6976
FAX : +60-5-292 6936

INDONESIA :
PT RANGALO CLP
TEL : +62-21-581 3951
FAX : +62-21-581 3950
Email : rangalo@clp.net.id

PT-CLP INDONESIA
ZHONG SHAN
TEL : +62-21-2931 5121
FAX : +62-21-2931 5133 / 28
Email : info@clpindo.com

THAILAND:
CLPI (THAILAND) CO LTD
TEL : +66-2769 5633
FAX : +66-2769 5612
Email : clpi@ksc.th.com

VIETNAM :
CLPI VIETNAM CO LTD
TEL : +84-8-3526 1033
FAX : +84-8-3526 1032
Email : sales@clp.com.vn

TAIWAN :
SIHTACO CO LTD
TEL : +886-2-2791 8539
FAX : +886-2-8192 6248
Email : Alice.Lee@sihtaco.com.tw
Michael Ku@sihtaco.com.tw

HONG KONG :
CHIN LEONG INTERNATIONAL CO LTD
LAMERTON ASIA HOLDING LTD
TEL : +852-2542 2206
FAX : +852-2544 9563
Email : chinleong@chinleong.com.hk

CHINA:
LAMERTON CHEMICAL (SHANGHAI) CO LTD
SHANGHAI
TEL : +86-21-5830 7559
FAX : +86-21-6840 7408

ZHONG SHAN SOUTH ASIA CHEMICAL LTD
ZHONG SHAN
TEL : +86-760-8554 4111
FAX : +86-760-8554 4113