



CL – FLOOR 22

CEMENTITIOUS SELF-LEVELLING UNDERLAYMENT FOR LIGHT DUTY APPLICATION

DESCRIPTION

CL – FLOOR 22 is a 1-part cement based self-levelling compound for underlayment application. It is suitable for levelling internal subfloors of concrete, cement / sand screeds, asphalt, epoxy, polyurethane coatings and the like, prior to the floor coverings installation eg. vinyl, tile, carpet, epoxy / polyurethane coatings and etc.

FEATURES

- Excellent self-levelling
- Good surface finish
- Good compressive strength
- Good adhesion strength

TECHNICAL INFORMATION

Working Time : 15 minutes @ 30°C
Setting Time : 1 day per 1mm thickness
Light Foot Traffic : 24 hours depending on climatic condition

Compressive Strength : > 25N/mm² @ 28day
Adhesion To Concrete : > 1N/mm² @ 28day
(Actual results can vary depending on field conditions)

COVERAGE

Standard mix : 25kg bag of CL-Floor 22 can cover :

- 5.1m² @ 3mm thickness
- 7.7m² @ 2mm thickness

Filled mix : 25kg bag of CL-Floor 22 mix with 12.5kg of coarse aggregate can cover 2.1m² @ 10mm thickness

SURFACE PREPARATION

Subfloors must be dry, sound and free from any laitance, oil, grease, dust and other contaminants. Concrete bases must be fully cured, at least 14 days. No application should be done if the temperature is below 5°C.

For substrate with rising moisture, a moisture barrier system has to be installed before installing CL-Floor 22. Alternatively, to replace with CL-Epoflor MB424WB water based self-levelling epoxy moisture barrier.

PRIMING

Use CL-Primer P1 without dilution. Apply by roller at the rate of 5 – 8 m² per kg and allow it to dry prior to self-levelling application. Highly absorbent surface may require two coats of CL-Primer P1 to seal the surface. Allow each coat to dry completely before applying CL-Floor 22.

MIXING

Standard mix: Mix in the proportion of 25kg CL-Floor 22 with 6kg of water. Pour the water into a suitably sized bucket and gradually add the powder while stirring with mechanical stirrer, until a smooth, lump free consistency is achieved.

Filled mix: Add aggregate (1–4mm) into the standard mix at the ratio of 12.5kg to 25kg of CL-Floor 22.

Mix only sufficient material which can be applied within 15 minutes at 30°C. If a mix should thicken before application, it should be discarded. Do not add in other ingredients and re-use. If the mix shown heavy floatation, it indicates excessive working time. Do not add in more powder and re-use.

APPLICATION

Pour the mix onto the prepared primed surface and spread to the required thickness (not less than 2mm) with a steel trowel. Maximum application per coat is 20mm. Use the spiked roller to release air and smooth out trowel ridges.

For application of more than 10mm thickness, use filled mix for economical practice. Allow it to set for 1 day and follow by one more layer of primer before applying a layer of 2mm thickness of standard mix for achieve better levelling surface.

TOOLS

Suitable long handed trowel, rake and spiked roller. Wash tools with water immediately after use.

SHELF LIFE

6 months in unopened bag, stored in cool and dry place.

PACKING

25 kg bag.

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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
TEL : +60-3-3176 5099
FAX : +60-3-3176 2797
Email : clp@clp.com.my

MALACCA
TEL : +60-6-263 1677
FAX : +60-6-263 1215

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