



CL – EPOFLOR MB424WB

WATER-BASED SELF-LEVELLING EPOXY MOISTURE BARRIER

DESCRIPTION

CL – EPOFLOR MB424WB is a water based epoxy moisture barrier that can reduce possibility of blistering failure in or debonding of subsequent finishing. It allows direct bonding on fresh or moisture saturated cement, fast cured to form a 2 – 4mm thick of leveled topping within 24 hours.

FIXES

- Suitable as a moisture barrier underlayment for repair, leveling and / or bonding preparation on fresh or damaged concrete prior to the installation of synthetic coatings including epoxy, PU and other floor coatings as well as floor covering including vinyl, carpet and parquet.
- Care to be exercised for floorings with high hydrostatic pressure.

FEATURES

- Expedited self-leveling, mechanical reinforcement on freshly laid concrete.
- Excellent adhesion to damp and even green concrete.
- Able to moderate underground rising vapor and evaporation to prevent osmotic blistering in subsequent synthetic coating.
- Excellent workability and economical installation.
- Low odour

TECHNICAL INFORMATION

Pot Life	: 20 min @ 30°C
Light Foot Traffic	: 2 days
Full Cure	: 7 days
Adhesion Strength	: >1.5N/mm ² (concrete failure)
Compressive Strength	: 40 N/mm ² @ 28 days
Over Coat Time	: 48 hr
Mixing Ratio	: 3.5 : 1.5 : 19

SUBSTRATE CONDITION

Concrete must be above 25N/mm² compressive strength and pull-out strength of minimum 1.5N/mm², sound, free from grease, laitance and foreign pollutant. Drain and remove excessive water accumulation.

SURFACE PREPARATION

Totally enclosed shot blasting or scarification. All residues must be removed to provide a dry, dust free open textured surface. Thoroughly vacuuming is highly recommended after blasting.

PRIMING

Prime with CL-Epoflor P141WB at the rate of 0.2kg/m² by roller, brush or squeegee. For high porosity substrate, apply second coat of primer at 0.2kg/m². Allow minimum 14 – 18 hours curing (tack free) prior application of CL-Epoflor MB424WB.

MIXING

Measure the parts accurately prior to mixing. Mix Part A and Part B using mechanical mixer at 300–400rpm until homogenous for 30 seconds. Thereafter, slowly pour in Part C (powder) and mix until homogenous for at least 2–3 minutes. Care must be taken to avoid air entrap into the mixture. The mix must be used within the pot life. Should the mix has stiffen, it should be discarded.

APPLICATION

Immediately after mixing, pour onto the prepared substrate and spread to the required thickness with a steel trowel. Use spike roller to release the air trap immediately after trowel. Ensure proper ventilation. Ensure to complete application for a mix within pot life at 20 minutes.

SUBSEQUENT INSTALLATION

Surface of CL-Epoflor MB424WB may be installed with any subsequent floor coating products after 2 days, but not later than 7 days.

TOOLS CLEANING

All tools should be cleaned with water immediately after used.

COVERAGE

2kg/m²/mm

COLOUR

Available in natural cement colour.

SHELF LIFE

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

PACKING

Available in 24kg set, consists of Part A: 3.5kg; Part B: 1.5kg; Part C: 19kg.

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Disclaimer: Specification are subject to change without notification.



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