

DURAFLO MB 21

A MODIFIED EPOXY CEMENTITIOUS UNDERLAYMENT

DESCRIPTION

DURAFLO MB 21 is a epoxy modified cementitious self-levelling underlayment.

USES

As a corrective screed/underlayment for cementitious or mineral based substrate. Recommended as a moisture barrier for epoxy floor applied to minimum 2mm thick designed for patching concrete surfaces and as an underlay for carpet parquet, or vinyl coverings. Can also be used for as a repair material for cracks.

BENEFITS

- ⇒ Good flowability and workability.
- ⇒ Excellent waterproofing properties.
- ⇒ Excellent early and final mechanical strength.
- ⇒ Can be over-coated as early as after 24 hours.
- ⇒ Excellent adhesion to damp and even green concrete.

TECHNICAL DATA

⇒ Compressive Strength	1 day	25N/mm ²
	3 days	35N/mm ²
	28 days	50N/mm ²
⇒ Flexural Strength	>13N/mm ²	
⇒ Density (mixed)	Approximate	2.10kg/litre
⇒ Recommended Dry Film Thickness	2-4mm	
⇒ No of Component	3	
⇒ Mixing Ratio	3.78:1.62: 21.6 by weight of Part A, Part B & Part C	
⇒ Pot Life	20 mins at 20°C	
⇒ Cleaner	Water	
⇒ Packaging	27kg	
⇒ Light Traffic	24 hours @ 10°C	16 hours @ 20°C
	Unopened in dry conditions at 25°C/12 months	
⇒ Estimated Coverage for 2 mm thickness	4kg/m ² /2mm	

NOTE : Coverage figure given is theoretical. Due to wastage factors, the variety nature of the substrate, and the site application condition, etc., the practical coverage may be reduced.

TYPE



WATER
PROOFING

ADVANTAGES



SELF
LEVELLING



CRACK
BRIDGING



QUICK
SET



CRACK
BRIDGING

COVERAGE (PER 2MM)

4 kg/m²

COATINGS

1 coat (min)

COMPONENT

3

PART

DURAFLOOR MB 21

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SURFACE PREPARATION

Totally enclosed shot blasting or scarifying should be employed followed by thorough vacuuming. All substrate to receive **DURAFLOOR MB 21** must be structurally sound and free from oil, dirt, grease, laitance or any other loose foreign materials. Curing compound if used on the concrete must be compatible type to avoid de-bonding.

Although the product is moisture tolerance, surface must not be pooled with standing water.

MIXING

Shake Pack A separately and mix well with Pack B in a mixing drum (approx 20 Ltr capacity) for at least 10 seconds with a high power with (750 rpm) stirrer.

Add Component C (powder) into the mixed binder (A+B) and stir for at least 2 minutes until workable consistency. Viscosity can be adjusted by varying the powder content.

PRIMER

Apply EPIPRIME as primer by roller. Avoid the formation of puddles. Allow to dry for 8-12 hours.

APPLICATION

Apply **DURAFLOOR MB 21** within its pot life 20 minutes.

METHOD OF APPLICATION

Spread **DURAFLOOR MB 21** uniformly with a notch trowel or squeegee. Immediately degas with spike roller to achieve even thickness.

Refrain from spiking when the initial setting of the material is observed.

COVERAGE AREA

DURAFLOOR MB 21 is applied at a rate of 4 kg/m² per coat. A minimum of 1 coat IS required.

PACKAGING

DURAFLOOR MB 21 27 kg/set (Part A: 3.78 kg, Part B: 1.62 kg, Part C: 21.6 kg)

HEALTH AND SAFETY

Although **DURAFLOOR MB 21** is a water based product, certain of its content may cause skin and eye irritation.

Always use with suitable protective gears. This product is for professional use only.

Please consult the relevant Health & Safety Data Sheet, available on request and sent with each delivery.

Legal Notes:
Statements made in this bulletin are for the assistance of our customers. They are based on our experience and judgment but must not be regarded as amounting to a legal warranty or as involving any liability on our part. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of this product must test the product's suitability for the intended application and purpose. CHEMIND reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. Users may always refer to the most recent issue of our Product Data Sheet for the products concerned, copies of which will be supplied upon request.

Made In Malaysia



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SCOPE OF REGISTRATION AND STANDARDS

Manufacture of Waterproofing materials. Compliance SIRIM testing. Compliance with ASTM technical standards and AS 3740 - 2004 Australia Standard.

