

ROCKMAX® MB

MODIFIED EPOXY MOISTURE BARRIER



INTRODUCTION

Rockmax MB is a three components modified cementitious epoxy self smoothing underlayment. When applied at minimum 2mm thickness, It provides a moisture barrier for moisture sensitive coating such as epoxy floors and polyurethane floors. It also designed to use as self leveling screed from 1-3mm thickness underlayment system for vinyl, carpet, timber and parquet floors and can use for repair damaged concrete slab.

AREA OF USES

- Prevent water vapor transmission and prevent water hydrostatic pressure from underneath.
- Underlayment self leveling.
- Repair damaged concrete slab.

ADVANTAGES

- Excellent waterproofing properties.
- Excellent adhesion to damp or green concrete substrate.
- Damp proofing.
- Good flowability.
- Fast curing.
- Fast recoating in 24 hours.
- Easy to installation.

TECHNICAL PROPERTIES

Color: Light grey

Compressive strength:

1 day: 30 N/mm²

7 day: 55 N/mm²

Flexural strength (7 days): >12 N/mm²

Bond strength (7 days): >2.5 N/mm²

Pot life (at 25°C): approx 20-25 minutes

Touch dry (at 30°C): 4-6 hours

Recoating (at 30°C): 24 hours

Recommended thickness: 2mm

Coverage rate: Approx 2kg/m²/coat

PREPARATION

Concrete must be sound, clean and free from cement paste, dust, dirt and any other contaminants. Concrete must be at least 28 days and minimum compressive strength 25N/mm² and minimum tensile strength

(pull off) at 1.5 N/mm². All floors to received total enclosed shot blasting or scarifying should be employed followed by vacuuming.

PRIMING

Apply **Rockmax MB900** prior to apply **Rockmax MB**.

MIXING

Stir each component separately approximate ½ to 1 minute. Mix part A and part B approximate 3 minutes until homogeneous using electric mixer (400-500 rpm). Avoid whipping air into the material. It is recommended that only full units be used, that both components are thoroughly mixed. We do not recommend using partial kits and reduce material.

APPLICATION

This material must be applied by specialist trained applicator.

In very rough and porous concrete, part C could be reduce to achieve more liquid slurry to better flow and penetration.

CLEANING

Clean all tools and equipments immediately with water.

PACKAGING

27kg set

part A: 3.5kg

part B: 1.5kg

part C: 22kg

STORAGE

Storage in shade and dry condition at 10-30°C. Avoid from sunlight, frost, water, moisture and high temperature.

SHELF LIFE

12 months if kept in original package and proper storage area.

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PRECAUTIONS

Avoid contact with skin and eye. Avoid inhalation. Harmful effects may cause during application and care must be taken. Do not expose to flames or other sources of ignition. No smoking allowance. Ventilation must be provided.

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IMPORTANTS NOTE! !

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