

PRIMEBASE™ 130 HB MARINE

SULFATE RESISTANT POLYMERIC MORTAR SCREED
OF THICKNESS 12 – 40MM

130 HB/MR

PRODUCT DATA SHEET

DESCRIPTION

Primebase™ 130 HB MARINE is a heavy duty polymeric mortar screed specially designed to resist sulfate. Primebase™130 HB MARINE is mainly composed with sulfate resistant cement type 5, waterbased polymer resin and Fillers.

Primebase™130 HB MARINE is a non slip floor, its properties of being breathable makes. Primebase™130 HB MARINE very suitable for areas with high humidity, in additional that can be installed on damp surface. The recommended applied thickness can vary from 12 mm to 40 mm. Best values for repairing concrete surface wearing.

RECOMMENDED USES

- Wet processing areas in seafood factories
- Ante room in seafood factories
- Offshore decking
- Jetties
- Harbor decking
- Fish markets

MAIN PROPERTIES

- Resistant to sulfate
- Odorless during application
- Extremely hard wearing
- High impact resistance
- Resistance to animal fluids, brine, sugars, oils and fats
- Resistance to detergents, sterility and oxidizing agents
- Slip resistant
- Non-dusting

TECHNICAL PROPERTIES

* Compressive Strength	
1 Day	250 KSC (cyl)
3 Days	330 KSC (cyl)
7 Days	420 KSC (cyl)
28 Days	540 KSC (cyl)
* Tensile Strength	49.21 KSC (cyl)
* Abrasion Resistance	1 gm weight loss (ASTM C944)
* Flexural Strength	4.23 N/mm ² at 28 days
Bonding Strength	Concrete Failure
* Water Permeability	3.07 *10 ⁹ at 24 hours
Slip Coefficient	0.40 (FSC 2000)
Resistance to Chemical	Fair
Specific Gravity	2.35 kg/L
pH	11-12
Working Temperature	-25°C to 80°C
Heat Resistance	no change at 120°C for 7 days
Temperature Resistance	no change at -40°C for 7 days

SURFACE PREPARATION

By scarifying machine. The scarified lines must be crossed. The substrate should be saturated with water and must remain constantly wet during application. Existing concrete floor should have a mechanical strength of at least 210 KSC (cyl).

MIXING

PRIMER

• Mix POLYBOND 560 - 9.5 kg/container with Primebase™ 130 MR - 25 kg/bag in a clean 20 kg bucket, use low speed electric mixer to mix the until obtain a homogenous pasty substance.

Use notched rake or notched trowel to spread over the wet substrate. The primer should not be applied if the temperature is less than 10 degree C.

TOPCOAT

• It is imperative that the mortar layer be applied while the primer layer is still wet. Failure to observe this rule will result in delamination of the screed.

• For Topcoat, Mix 1 bag Primebase™ 130 MR - 25 kg 1 container Polybond™ 560 Part B-HB 5 kg, 1 bag Primebase™ 130 Part C (40kg) and 1 bag Primebase™ 130 Part D (35kg). Add water 4-5 liters and apply on wet primer and compact with power trowel.

REMARKS

Surface after installation will have white stains due to the resin components, after a period of time, it will fade away



AVERAGE CONSUMPTION

- Primer 25 m²/set
- Topcoat 3.90 m²/set for 12 mm.

COLOR Natural Cement Gray

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PACKAGING

- | | |
|----------------------------|------------------|
| Primer | |
| ● Primebase™ 130 MARINE PM | 25 kg/bag |
| ● Polybond™ 560 Part B | 9.5 kg/container |
| Topcoat | |
| ● Primebase™ 130 Part A | 25 kg/bag |
| ● Polybond™ 560 Part B-HB | 5 kg/container |
| ● Primebase™ 130 Part C | 40 kg/bag |
| ● Primebase™ 130 Part D | 35 kg/bag |

STORAGE AND SHELF LIFE

- 1 year

HEALTH AND SAFETY

Material Safety Data Sheet [MSDS] available upon request

130 HB
PRODUCT DATA SHEET

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Above datas are given for information only, based on our testing and experience. As the product may perform differently depending on some factors like, substrate, temperature, moisture in the air, wind conditions. We strongly recommend users to test a small quantity of the product at the actual job site to prevent any wastage. Roca10 is continuously working on Research and Development to improve the product, therefore we reserves the right to change the datas if needed. Users should check and always refer to the latest update version of the Product Data Sheet, shown in bottom right.