

PRIMEBASE™ 130 MARINE

SULFATE RESISTANT POLYMERIC MORTAR SCREED
OF THICKNESS 5 - 6 MM

DESCRIPTION

Primebase™ 130 Marine is a heavy duty resin mortar screed specially designed to resist sulfate. Primebase™ 130 Marine is composed with sulfate resistant cement-type 5, waterbased polymer resin and dry graded Filler QS. Primebase™ 130 Marine is a non slip floor, its properties of being breathable makes Primebase™ 130 Marine very suitable for areas with high humidity, in addition that can be installed on damp surface. Best values for repairing concrete surface wearing.

RECOMMENDED USES

- Wet Processing areas in Seafood Factories
- Ante Rooms in Seafood Factories
- Offshore decking
- Jetties
- Harbour 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
- Completely free of toxic substances
- Will not rot or support bacterial growth
- FDA approved
- Slip resistant
- Non-dusting

TECHNICAL PROPERTIES

*Compressive Strength	
1 Day	240 KSC (cyl)
3 Days	280 KSC (cyl)
7 Days	360 KSC (cyl)
28 Days	430 KSC (cyl)
*Abrasion Resistance	1 gm weight loss (ASTM C944)
*Flexural Strength	105.95 KSC at 7 days
*Tensile Strength	50.45 KSC at 7 days
Bonding Strength	Concrete Failure
Water Permeability	3.07 *10 ⁻⁹ at 24 hours
Slip Coefficient	0.40 (FSC 2000)
Resistance to Sulfate	Excellent
Specific Gravity	2.32 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

COLOR Natural Cement Gray

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SHORT SPECIFICATION

Polymer mortar screed of thickness 5 to 6 mm, composed with 100% acrylic polymer and dry, sieved quartz sand of 4 group size. Mix as dry mix, slump zero when dump to ground, water should be added after compaction



SURFACE PRERARATION

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 AND INSTALLATION

- All components material are preweight and pre packed as per set for user friendly mix at job site
- For Primer, mix Primebase™130 Marine PM 25 kg/bag and Polybond 560 9.5 kg/container. Apply on concrete surface with rake PU
- For Topcoat, mix 2 bags of Primebase™ 130 Marine TOP 29 kg/bag and Polybond 560 5 kg/container. Apply onto primer and compact with power trowel

TRAFFICABILITY (at 35°C)

24 hours	Foot traffic
48 hours	Medium traffic
72 hours	Normal traffic

AVERAGE CONSUMPTION

- Primer 17 m²/set
- Topcoat 5.43 m²/set for 5 mm.

130 MR

PRODUCT DATA SHEET

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PACKAGING

Primer

- Primebase™ 130 Marine PM 25 kg/bag
- Polybond 560 9.5 kg/cont.

Topcoat

- Primebase™ 130 Marine TOP 29 kg/bag (2 Bags)
- Polybond 560 5 kg/cont.

STORAGE AND SHELF LIFE

- 1 year

HEALTH & SAFETY

Material Safety Data Sheet (MSDS) available upon request.

130 MR**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

www.roca10.com