

PRIMEBASE™ 130 HB

HIGH BUILD POLYMERIC MORTAR SCREED OF THICKNESS 12-40 MM

130 HB

DESCRIPTION

Primebase™ 130 HB is a cement gray color heavy duty polymeric concrete for repairing and leveling surface low spots.

Primebase™ 130 HB is composed with waterbased 100% acrylic polymer resin, binder, and filler. The normal applied thickness is 12 to 40 mm. Best value for filling and leveling concrete low spots.

RECOMMENDED USES

- Wet Process areas in food and beverage plants
- Cold rooms, chilled and packing rooms
- Canneries and Breweries
- Ready meal manufactures
- Meat and fish processing
- Warehouses and distribution centers

MAIN PROPERTIES

- 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	208 ksc (cyl)
3 Days	230 ksc (cyl)
7 Days	279 ksc (cyl)
14 Days	350 ksc (cyl)
* Abrasion Resistance	1 g weight loss (ASTM C944)
* Flexural Strength	8.24 N/mm ² at 7 days
* Bonding Strength	21.13 ksc
* 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
Moisture Content	<7% at 3 days
Modulus of Elasticity	27.95 GPa

COLOR Cement Gray

SHORT SPECIFICATION

High build polymeric concrete of thickness 12 to 40 mm. Composed with 100% acrylic polymer dry sieved quartz sand of 4 group size and dry aggregates.



SURFACE PREPARATION

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

MIXING AND INSTALLATION

- All components material are preweight and prepacked per set for user friendly mix at job site.
- Primer, mix one bag Primebase™ 130 Part A [25kg] and one container Polybond 560 Part B [9.5kg]. Apply on concrete substrate with notched rake or notched trowel.
- For Topcoat, mix one bag Primebase™ 130 Part A [25 kg], one container Polybond™ 560 Part B HB[5kg], one bag Primebase™ 130 Part C [40kg] and one bag Primebase™ 130 Part D [35kg]. Add water 4-5 liters and apply on wet 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 12 m²/set
- Topcoat 3.90 m²/set for 12 mm.

PRODUCT DATA SHEET

Update 16 June 2023 page 1/2

Technology for Engineers

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

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PACKAGING

- | | |
|---------------------------|------------------|
| Primer | |
| ● Primebase™ 130 Part A | 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

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Update 16 June 2023 page 2/2

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