PRIMEBASE™ 130

POLYMERIC MORTAR SCREED OF THICKNESS 5-6 MM

130

PRODUCT DATA SHEET

DESCRIPTION

Primebase™ 130 is a heavy duty resin mortar screed, for general industries, composed with waterbased polymer resin, binder and dry graded quartz sand Primebase™ 130 is a non slip floor, its properties of being breathable makes Primebase™ 130 very suitable for areas with high humidity in additional, that can be installed on damp surface. The normal applied thickness is 6 to 10 mm. Best values for repairing concrete surface wearing.

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	250 KSC (cyl)
3 Days	330 KSC (cyl)
7 Days	420 KSC (cyl)
28 Days	540 KSC (cyl)
*Abrasion Resistance	0.27 gm weight loss (ASTM C944)
*Flexural Strength	101.67 KSC at 7 days
*Tensile Strength	41.54 KSC at 7 days
*Bonding Strength	2.42 N/mm^2
Water Permeability	3.07 *10^{-9} at 24 hours
Slip Coefficient	0.40 (FSC 2000)
Resistance to Chemical	Fair
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 Cement Gray

SHORT SPECIFICATION

Polymer mortar screed of thickness 6 to 10 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.Spray and compact with troweling machine.

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 machanical strength of 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 25 kg/bag and Polybond 560 9.5 kg/container. Apply on concrete surface with rake.
- For Topcoat, mix 1 bag of Primebase™ 130 25 kg/bag and Polybond 560 5 kg/container and Primebase™ 130 Part C 40 kg Apply onto primer when primer still wet then compact with troweling machine

TRAFFICABILITY (at 35°C)

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

AVERAGE CONSUMTION

- Primer 17 m^2/set
- Topcoat 5 m^2/set for 6 mm.

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PACKAGING

Primer

- Primebase™ 130 — 25 kg/bag
- Polybond 560 — 9.5 kg/container

Topcoat

- Primebase™ 130 Part A — 25 kg/bag
- Polybond™ 560 Part B — 5 kg/gallon
- Primebase™130 Part C — 40 kg/bag

STORAGE AND SHELF LIFE

- 1 year

HEALTH AND SAFETY

Material Safety Data Sheet [MSDS] available upon request

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