

Description:

PACHI GUARD PRIME S.B Is A 2-Component Epoxy Primer, Solvent-Based, Consists Of Epoxy Resin Cured By Polyamide Hardener, Formulated To Prime & Seal Concrete And Masonry Substrates For High Performance Applications. It Is Used As A Part Of Flooring Systems With High Adhesion.

Fields Of Application:

PACHI GUARD PRIME S.B Is An Epoxy Sealer For Cement Based Surfaces Such As Concrete, Plaster, Asbestos Cement And Also For Iron And Steel. The Main Fields Of Application Are Floor And Wall Surfaces, Which Are Subjected To Normal Mechanical Loads And Aggressive Chemicals. Typical Use Includes, Storage Tanks And Silos In Chemical Industry, Food Industry, Drinking Water Storage Tanks, Swimming Pools, Sewage Works, Septic Tanks, Sewage Pipe Lines. Prime For Epoxy And Polyurethane Flooring Coat.Anti -Dust For Concrete Surfaces. Sealing For Hair Cracks.

Advantages:

- Very Hard And Abrasion Resistant
- Water Proof, Resistant To Waste And Sea Water
- Good Adhesion On Surface And The Final Coat
- Excellent Resistance To Salts And Alkali
- Easy To Apply By Brush, Roller, Squeegee, Airless Spray.
- Extend Pot Life.

TECHNICAL DATA

Colour	: Transparent
Solids By Weight	:46± 2%
Solids By Volume	: 39± 2%
Specific Gravity	: 0.95± 0.05
Mixing Ratio By Weight	: 3 A (Varnish) :1 B (Hardener)
Pot Life	: 6 Hours
Drying Time	
Surface	: 2hrs (At 25°C & 60% R.H.)
Dry Overcoat, Minimum	: 24 Hrs (At 25°C & 60% R.H.)
Full Cure	: 7 Days (At 25°C & 60% R.H.)
Shelf Life	: 24 Months (At 25°C & 60% R.H.)
T.S.R	: 6-8m²/K.G100µ DFT/Coat (According To Surface Condition)

APPLICATION INSTRUCTIONS

Surface preparation:

- Concrete surfaces

Concrete surfaces should be free from laitance and dust by sandblasting. In case sand blasting is not possible, thorough abrading with a hard wire brush can be used, though it is not as efficient. Otherwise, acid etching using 1 part of Hydrochloric acid with 2 parts of water can be carried out. The solution should be brush applied over the surface liberally and left in contact for 15 minutes. Then it is washed off with plenty of water followed by thorough drying with hot water. The pre-requisites for good adhesion of the coating are cleanliness Ensure that the concrete floor is 28 days old and the surface moisture content less than 5% Prior to the application of the primer Cracks, blow holes and surface imperfections should be repaired with PACHI GUARD PUTTY. PACHI GUARD PRIME S.B 2/3

- Steel :

must be free from rust, scale, dust, grease and other impurities which can prevent adhesion. The best pre-treatment is sand blasting to Sa 2 1/2 .

- Coating application:

PACHI GUARD PRIME S.B Component A (base) should be thoroughly stirred before adding component B (hardener).Pour component B into component A and mix for 2 minutes with a slow speed stirrer with suitable mixing paddle to get a consistent coating material.

Application Method

The primer may be applied by brush, roller or squeegee.
The primer shall be allowed to cure (tack free) before applying further coats

STORAGE & SHELF LIFE:

PACHI GUARD PRIME S.B Component A, and Component B as supplied shall be stored in a cool and dry place away from sunlight, moisture and high humidity and have a shelf life of 24 Months in the original packing.

HEALTH & SAFETY:

PACHI GUARD PRIME S.F contains organic resins, hardener, solvents and other filler materials which may cause sensitization by skin contact. Avoid contact with skin and eyes and inhalation of vapour. In case of contact, wash liberally with water and seek medical advice, if required. Wear suitable protective clothing, gloves and goggles while handling etc.

