PB285 Momprimer

Description

PB285 Momprimer is a solvent based, full-bodied polymer modified bituminous coating, without fillers, pigments, lead and cobalt which is applicable on concrete surfaces while sealing the surface and protecting it against humidity, corrosion, erosion and generally any infiltrating agent.

The PB285 Momprimer penetrates into the concrete surface, seals it permanently and protects it from water penetration, corrosion, and decay. It fills all the cracks and pores in the concrete surface and makes it waterproof.

Functions

Controlling humidity and decay in concrete.

Typical Uses

PB285 Momprimer is used where a cold applied, ready-to-use, effective, protective, weatherproof and corrosion resistant coating is needed such as:

- Retaining Wall & Shotcrete & Shear Wall
- Concrete Bridge Deck & Bridge Foundation
- Exposed & Buried Concrete Tanks & Pipes
- Subway Tunnel & Shaft Wall
- Power Transmission Tower Foundation
- Concrete floor & Foundation
- Septic Tanks

Advantages

- No need for surface preparation
- Fast, easy and uniform application
- Cost effective & optimum coverage rate
- Ready-to-use & cold applied & easy repair
- Stability, durability and long-term quality preservation
- Resistant to structural expansion and shrinkage
- Resistant to cold and heat
- Highly resistant to mechanical damage
- Not creating gaps between shotcrete and main concrete structures
- Optimum penetration, adhesion and bond with concrete & cement surfaces
- Resistant to humidity, acid, alkali, chloride ion and sulfate

Licenses

1. Ministry of Petroleum (Iran) Vendor
2. The Institute of Standards and Industrial Research of Iran
3. Research Institute of National Iranian Petroleum Industry Oil Company
4. National Iranian Gas Company

5. Road, Housing and Urban Development Research Center
6. Tehran College of Electrochemistry
7. Amir Kabir University of Technology
8. Razi Metallurgical Research Center
9. Iranian Ministry of Roads and Urban Development Laboratory
10. Ministry of Defense

Technical Data

- Color: Black
- Base: Bituminous
- Finish: Half-mate
- Resin Type: Polymer
- Density: 0.9 ±0.05 g/cm^3
- Number of Components: Single Component

Coverage

- Suggested Thickness in Different Applications: 500µ~ 1000µ
- Coverage Surface per Desired Thickness: 2-1 Square Meter

Implementation Method

Surface preparation

Surfaces onto which the Moomprimer is to be applied must be clean from loose layers, humidity, soil, grease or oil stain. Repair the surface cracks with concrete repair products to create a healthy surface.

First Layer: Apply a penetrating PB285 Moomprimer layer with a thickness of 500µ, using paint brush, roller, airless or spray.

Second Layer: After application of the first layer, if the concrete surface is not saturated due to excess porosity, repeat the first layer. If it is saturated, apply the topcoat PL85 Moomprimer with a thickness of 500µ uniformly, and protect each layer from rain and getting wet for 24 hours.

Implementation Tools

Paint Brush, Roller, Airless and Pistol spray.

Package

- 4 Liter Container
- 20 Liter Container

Storage

- Long-term storage
- No restriction in Cold and Heat
- Storage Limit: 4 Rows of Barrels per Column
- Storage Limit: 7 Rows of Gallons per Column