

PY95 Moomprimer

Description

PY95 Moomprimer is a solvent based, full-bodied polymer modified bituminous coating, without fillers, pigments, lead and cobalt which is applicable on all metal types (rustles or rusty), eliminating the need for sandblasting. With its high penetration and adhesion capacity, it buries all the corroded and folded parts and reaches the microscopic layers of metals, seals the surface, and protects it against corrosion, rust and most corrosive agents.

Functions

Control and protection of metals (rustles or rusty) against most corrosive agents.

Typical Uses

PY95 Moomprimer is used where a cold applied, effective, protective, weatherproof and corrosion resistant coating is needed. For instance, exposed and buried metal structures (rustles or rusty) including:

- Steel Structure & Industrial Shed
- Steel Column Base & Base Plate
- Steel Reinforcement
- Metal Profile & Steel Façade Frames
- Metal Tank to hold Acid & Alkali & Industrial Effluent
- Mechanical Installation & Chiller
- Water, Sewage, Oil & Gas Pipelines
- Corrugated Steel Plate & Sheet
- Metal Power Towers
- Metal Bridges
- Metal Silos

Advantages

- No need for sandblasting
- Applicable on rust & color
- Superior penetration and adhesion
- Cold applied & ready-to-use
- Easy application & easy repair process
- Cost effective & optimum coverage rate
- Highly resistant to bending and stretching
- Weldability
- No cracking and scaling
- Resistant to cold and heat
- Durability and long-term quality preservation
- 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: $0.9 \pm 0.05 \text{ g/cm}^3$
- Number of Components: Single Component

Coverage

- Suggested Thickness in Different Applications: $50\mu \sim 80\mu$
- Coverage Surface per Desired Thickness: 5-3 Square Meter

Implementation Method

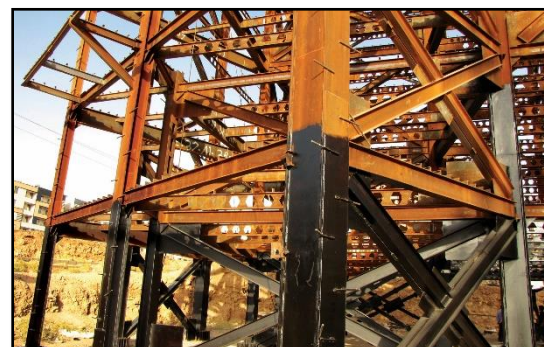
Surface preparation

Surfaces onto which the PY95 Moomprimer is to be applied must be clean from loose layers, humidity, soil, grease or oil stain. Can be applied on rust without requiring rust removal.

First Layer: Apply a penetrating PY95 Moomprimer layer, using paint brush, roller, airless or pistol, with a minimum thickness (50μ) to ensure complete surface coverage.

Second Layer: Twenty-four hours after application the first layer, apply the PL85 Moomprimer as a top coat with a proper thickness depending on the corrosion rate.

Minimum thickness will suffice to cover healthy metal surfaces. Please, study the current conditions of the desired surface to choose a proper thickness. Protect the covered surface 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