

PW75 Moomprimer

Description

PW75 Moomprimer is a full-bodied polymer modified bituminous coating for cold application without fillers, pigments, lead and cobalt which is suitable for use in structures in contact with potable water. It is applicable inside metal (rustles or rusty), galvanized, steel, concrete and cement drinking water tanks and pipes which seals the underneath surface and protects it against corrosion agent.

Functions

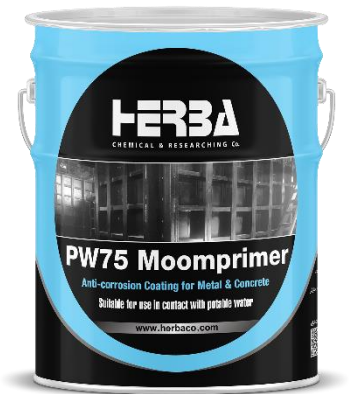
Control and protection of metal (rustles or rusty) & concrete against corrosive agents as per BS6920.

Typical Uses

Metal and concrete pipes & tanks in contact with potable water.

Advantages

- No need for sandblasting
- Superior penetration and adhesion
- Weldability
- No cracking and scaling
- Resistant to cold and heat
- Fast, easy and uniform application
- Cost effective & optimum coverage rate
- Ready-to-use & cold applied & easy repair process
- Highly resistant to bending and stretching
- Resistant to humidity & corrosive agents
- Durability and long-term quality preservation



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:
Metal structure: 80μ
Concrete structure: 1000μ
- Coverage Surface per Desired Thickness:
Metal Structure: 3 Square Meter
Concrete Structure: 1 Square Meter

Implementation Method

Metal Structure

Surface preparation: Surfaces onto which the PW75 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.

For water tanks, apply a minimum of two coats of PW75 Moomprimer allowing at least 24 hours for drying between each coat. This may take longer depending on the conditions. Thoroughly wash out the tank with clean cold water after the final coat has been dried.

First layer: At first, cover welding spots and joints with brush. Then, cover the entire surface with a thin but uniform layer of the material.

When using pistol spray or airless, pay attention to corners and joints and cover the entire surfaces in a uniform way.

Second layer: Twenty-four hours after application of the first layer, apply the second layer in the same manner. Be careful to cover all corners and tank floor uniformly. Make sure there are no paint accumulation in any spots and corners.

Concrete Structure

Surface preparation: Prior to application, clear the desired surface from humidity, soil, grease or oil stains. Repair the surface cracks with concrete repair products to create a healthy surface. Then, cover the entire area with the PW75 Moomprimer uniformly in two phases: Penetrating and top-coat layers (using roller, airless or pistol spray.)

Pay attention to corners and tank floors to reach a uniform layer free from paint accumulation.



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