

Polyurea Primer



Product Description

It is a transparent, epoxy based, two – component primer which contains 100% solid substance. It fills the pores of concrete substance and allows an excellent adhesion of surface with the material. It is used for the purposes of clogging pores on any kind of concrete, wooden and metal surfaces, preventing the moisture coming from below and a better adherence of coating substance to be applied on it before the application of Polyurethane and Epoxy based coating products.

Features

It protects from corrosion; it is resistant to alkalis and base acids. It is not affected by fungi and bacteria. As it is not affected by UV lights, it is resistant to sunlight. Its adherence is high according to the surface on which it is applied and it is resistant to aging. It provides a better adherence of the structure on which it is applied.

Areas of Application

Generally, it is applied as a primer on the floor before the application of insulation and floor coating. It is used in Polyurea insulation and Polyurea floor coating, polyurethane and epoxy floor coatings, and polyurethane insulations. It is used as a floor coating and corrosion protector on the materials which are coated before any floor coating resistant to acid, alkali and other chemicals on concrete, wood, ethernite, stone and any kind of metal sheet, floor coating of factories and workshops, and in the insulation of any kind of surfaces against water of chemicals.

Technical Specifications

Color	Transparent, grey, white and any color
Brightness	Bright or mat
Binding agent	solvent – free resin
Flash point	Does not shine, solvent – free
Application temperature	0- 35 °C
Density (20C)	1.25 gr/ cm ³
Polyuria floor primer density (20C)	1.23 gr/ cm ³
Shore A	75 – 80
Dry (20C)	First dry 2 hours, complete dry 4 hours
Heat resistance	155 °C
Working feature	125 °C
Application	By pouring, with a roller – trowel – spatula – Airless equipment
Mixing ration	A/B: 2/1

Application and Warnings

The area where it is to be applied must be thoroughly cleaned from dirt, grease, rust etc. substances. The surface must be dry and clean on concrete surfaces. Primer must not be applied on old and worn surfaces (worn, loose and lost mechanical strength) without having necessary repairs. Concrete must have taken outlet and must be completely dry. It is mixed for max. 2 – 3 minutes with an electric mixer and brought in a ready condition for the application. Application: it can be implemented with a brush, roller or airless spray optionally. The application must be completed within an hour. A single layer application is enough. A dry film coat in the thickness of 36/ 40 microns is obtained after the application.

