

4003

POLYME^RX

PRC Polyurethane Floor Coatings



Product Description

It is a two – component, solvent – free, resin based, PRC floor coating material.

Areas of Application

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 or sheet, iron, chipboard or wood 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. Polymex – 4003 must be applied after making sure that the floor is hardened 4 or 6 hours after the application of primer on the floor. Source material being 5 ratios and hardening materials being 1 ratio, it can be made ready for the application being mixed with an electric mixer for max. 3 - 4 minutes until obtaining a homogenous mixture and it must be applied within 45 – 55 min. Polymex – 4003 enters into reaction in a short time and the shelf life of mixture is 45 – 55 minutes.

Application: it can be implemented with a brush, roller or airless spray optionally. Note: It is necessary to have spiked roller and take its air. The application must be completed within an hour. Two layers' application is enough. If necessary, 3 layers' application can be implemented. Dry film layer in thickness of 1,5 mm is obtained after the application. The surface on which the application was implemented must not be wetted, walked on it and protected for at least 4 years. An application without primer must not be implemented and PRC polyurethane coating applications must be applied on dried primer after 4 -6 hours.

Technical Specifications

Color	Any color
Binding agent	polyurethane resin
Density	1,4 – 1.6 gr/ml
Mixing ratio	A/B: 5/ 1
Solid material by weight	Min. %99 application thickness 1.55 mm
Application method and features	Roller method, roller. Trowel or airless spray. Product spreads spontaneously and it is self – leveling.
Application time and solidification	45 – 55 minutes in temperature above -5/ + 25 C (application is recommended above -5C)
Brightness	Bright or mat (optional)
Drying time	Powder dry for 2 hours. (Completely dry 6-8 hours)
Physical and chemical resistance	Starts after 7 days from application.
Fire resistance	It doesn't spread retarding toxic gas.
PRC coating	It is absolutely not harmful for health.
UV resistance	Resistant (Dissolution starts after 20 years).

Storage and Shelf Life

It protects from corrosion; it is resistant to alkali and acids. It is not effected by fungus and bacteria. As it is not affected by UV lights, it is resistant sunlight. Its adherence is high according to the surface on which it is applied and it is resistant to aging.

