

PRC Polyurethane Water Insulation Motherboard Flexible Product



Product Features and Advantages

It protects from corrosion; it is resistant to alkali and acids. Due to solvent – free property, it can be safely used in closed areas. It is anti – bacterial. It has flexibility of 300%. 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. It is resistant to water, acidic water and salt solutions, grease and petrol, at the same time, it is impermeable.

Areas of Application

It is especially used as water insulation and UV protector in indoor areas; drinking water tanks, basic isolation, swimming pool insulation, top and bottom ceramic tiles insulation, spray bottom and top polyurethane insulations. It is used for the purposes of insulation in bath – room and wet areas, garden foundation and terrace isolation of outdoor area, and in the insulation of corner parapets.

Storage and Shelf Life

Moisture barrier can be stored up to 12 months in tin buckets in cold and dry rooms. The material must be protected from moisture and sunlight. Storage temperature: between 5°C and 30°C. Products must be protected in an original tin buckets bearing the name of manufacturer, product description, party number and the labels of Application warnings without being opened.

Technical Specifications

Color	Any color
Binding agent	PRC polyurethane resin
Density	1,20 – 1.25 gr/ml
Mixing ratio	A/B: 5/1
Solid material by weight Ratio	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 of -5/ + 35 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.
Flame retardant gas	It doesn't spread retarding toxic gas.
Health suitability	It is absolutely not harmful for health.
UV	Resistant (Dissolution starts after 20 years).

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 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.

