

1006

POLYMEX<sup>R</sup>

## Single Component Water Insulation Product



## Product Description

It is a single component, Polyurethane - based water insulation material which is high resistant to UV lights, curing with air humidity and having a high flexibility feature.

## Product Features and Advantages

It is ready to use. It provides a high adherence. It is easy and quick to use. It can be applied with a roller, brush or airless spray. It has the feature to close cracks. It provides seamless monolithic application. It closes the floor as monolithic and overall. It provides water vapor permeability. It doesn't lose its features in temperatures of -30 °C/ + 120°C.

## Storage and Shelf Life

12 months in a cold and dry place in unopened original package.

## Areas of Application

It is used for the purposes of water insulation in old and new terraces, roof gutters, balcony wet volumes, basement walls, water reservoirs etc. places, swimming pool insulation and large glass dilations, ceramic top and ceramic bottom insulations.

## Application and Warnings

Polymex - 1006 application can be implemented after the preparation of surface. It is recommended to mix the material with a mixer with low speed (300 cycle/ min) when the material stored at ambient temperature is opened until it becomes homogeneous. Then, the material is applied in a homogeneous form on the surfaces coated with airless gun or short piled roller. 0.6 kg of material is applied on each layer on average. The second layer shall be applied after 8 hours (no later than 48 hours).

## Technical Specifications

Color	White and Grey
Brightness	Bright or mat (optional)
Binding agent	Solvent Polyurethane prepolymer
Application temperature	+10 °C / + 35 °C
Density (20 C)	1.40 kg/ lt
Volume solid material	100/100
Dry/ wet film thickness	650/750 microns
Practical coating capacity	1,2 kg/ m2
Desiccation (25C)	First dry 2 – 4 hours, complete dry 24 hours, The application of 2nd layer min. after 24 hours
Applied heat limits	-5/ +35 °C
Thinning	Rapid and toluene diluent is used only when the primer is applied.
Heat resistance	90 °C
UV lights	Resistant
Form of application	Brush, roller, steel trowel, airless spray
Pot life	45 minutes – 1 hours

## Consumption

Surface	Consumption m2/ gr.
Concrete	0,300 gr.
Metal	0,185 gr.
Wood, fiber cement etc.	0,200 gr.

## Surface Preparation

Surfaces must be solid, dry, clean and free from chemicals. Humidity shouldn't definitely exceed 5%. Mineral based surfaces that are prepared must be absolutely coated for a layer with Polymex – 410 silane based primer.

