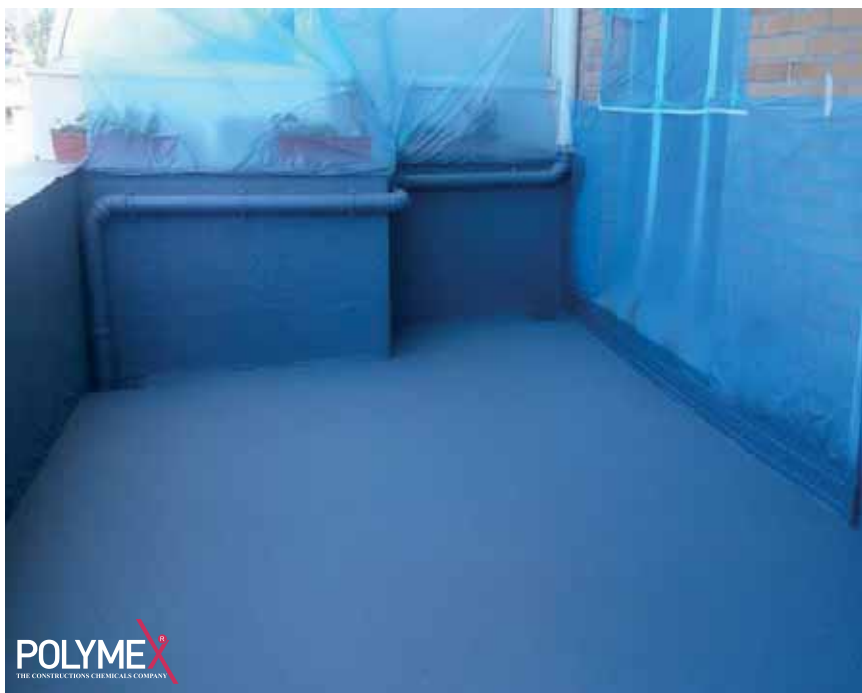


# 6014

# POLYME<sup>R</sup>X

## Spray Polyurethane Liquid Insulation



### Product Description

Polyurethane insulation floor coating is a water insulation membrane which is Polyurethane based, two – component, solvent – free, and crack bridging. As it has fast reaction, it is applied with the help of special machines or devices. It is solvent – free.

### Features

It is resistant to UV lights. It makes insulation in a single piece which excludes the possibility of leakage or any junction point when it is applied. As it is pure Polyurethane, it can regularly be in contact with water. It closes cracks up to 2 mm even in – 10 °C

### Product Features and Advantages

- roof, terrace and terrace gardens
- aircraft hangars
- tunnels
- storage tanks
- underground water tanks
- insulation and coating of car parks
- decorative pools
- channels
- warehouses.

### Product Features and Advantages

It has high mechanical resistances. It is fast to apply and it cures quickly. It provides monolithic application, there is no joint, mounting etc. It provides 100% adherence on surface. The risk of swelling is low due to steam permeability. It has the feature of crack bridging.

### Technical Specifications

<b>Material structure</b>	Polyurethane resin
<b>Polyurethane insulation Component A</b>	Polyurethane
<b>Polyurethane insulation Component B</b>	Hardener
<b>Polyurethane insulation Color</b>	Grey – white – blue
<b>Mixing ratio</b>	100/ 73 (by weight)
<b>Density</b>	
<b>Component A</b>	1.05 g/m3
<b>Component B</b>	1.10 g/m3
<b>Viscosity</b>	
<b>Component A</b>	1800 mPas
<b>Component B</b>	2300 mPas
<b>Shore A hardness (28 days)</b>	80
<b>Traction strength (DIN 53504)</b>	8 N/mm2
<b>Rupture strength (DIN 53504)</b>	16N/mm2
<b>Elongation at break</b>	400%
<b>Gel time (mixing by hand)</b>	18 seconds
<b>Temperature of surface</b>	+10C +30C
<b>Service temperature</b>	-40C + 120C (short time +250C)

### Application

The preparation of floor and the use of proper primer are very important in the application of P – 6014 polyurethane insulation floor coating. The surface on which the application is to be implemented must be cleaned from oil, dirt and free particles that will affect the adherence.

The application must be implemented within flooring time on the primer surface protected in an appropriate manner. While implementing the application of P – 6014 polyurethane insulation floor coating, attention must be paid to the fact that the dew point of surface temperature is above 3C.



Not only the temperature but also the pressure is important for the gradual melting. That's why the mountains in the mountains are slipping.

With pressure, the lower layer melts and slips occur.

