

# 5000

# POLYME<sup>R</sup>X

## Water - Based Epoxy Paint



### Product Description

It is a water – based, two - component, solvent free, epoxy based, non-toxic, odorless water-based, protective floor and wall coating paint resistant to salts, oils and some chemicals

### Properties

Abrasion resistant, water proof except steam, does not require the use of lining.

### Areas of Application

Stairs and corridors in food plants, tunnels, various ventilation ducts, parking lot, oil tanks, food plants where odors adversely affect produced products and storage areas.

### Application and Warnings

The concrete surface should be solid, clean, grease-free and salt-free. Residual, weak layers should be taken away. Voids, hollows and cracks must be repaired with suitable repair Polymex mortar. If needed, dry milling and polishing machines should be used in concrete surface. The treated surfaces may be humid and wet but there should be no puddle on the surface. Firstly, component A is mixed, then adding hardener component B it is mixed until getting a homogeneous mixture (for 2-3 minutes). It can be applied either by brush, roller or spray method. After the first layer is completely dry, the second layer can be applied (24 hours). Application tools, materials should be washed with plenty of water while still wet.

### Technical Specifications

|                         |                         |
|-------------------------|-------------------------|
| Adhesion to concrete    | > 1.5 N/mm <sup>2</sup> |
| Application temperature | > 5°C                   |
| Vapor permeability      | 40000µ                  |
| Abrasion (taber)        | 165 mg                  |
| Brightness              | Bright or silk matt     |
| Color                   | Ral catalog colors      |

### Packing

In the form of sets with A component 20kg and B component 5 kg.

### Consumption

It depends on absorbency and smoothness of the surface. Dust free floor, wall: 300 g / m<sup>2</sup>. 2 layers. Storage, tunnel floor coverings: 500-600 g / m<sup>2</sup>. 2 layers.

### Storage and Shelf Life

Can be kept in unopened, original packaging in dry and cold places, 18 months under the porch that does not exposure to direct sunlight, in areas protected from extreme temperatures. In tropical climates, the product should be kept in places with air conditioning. Failure to comply with the recommended storage conditions can cause premature failure of the product. For special storage, please consult our technical department.



The pioneer of this field is German chemist Herman Stauding. For the first time, Herman Stauding has described the effect of polymerisation conditions on polymer formation. Stauding received the Nobel Prize in 1953 for his work in this field of his work.

