

# 5003

# POLYME<sup>R</sup>X

## Epoxy Coat Topcoat Paint



### Product Description

It is a solvent free, two components, epoxy based, bright or matte topcoat paint.

### Areas of Application

In order to protect concrete and metal surfaces from atmospheric and chemical effects, it is used in refineries, petrochemical and other industrial organizations, ports and shipyards, in drinking water and the fuel tank, water treatment and waste water plants, wine storage tanks, in food industry, in hospitals and pharmaceutical industry, laboratories, textile and automotive industries, in industrial facilities where the production is affected by dust, in decorative floors and walls.

### Application

After mixing the source material, it is mixed 2-3 minutes by adding hardener until getting homogeneous material. After the mixture rests for 15 minutes, it is put into practice. Do not prepare more material than can be applied throughout the lifetime of mixture.

### Terms of Application

New concrete and cement plaster should be cured at least 21 days. After the mortar residues on the cured surface are removed by sandblasting or brushing, selected undercoat is applied. Loose particles on the old concrete and cement plaster such as paint, dirt, dust etc. are removed by sandblasting, scraping or brushing. Oil and grease wastes are cleaned with soapy water, if neutralizing is necessary then the surface is cleaned with 3-4% hydrochloric acid or acetic acid solution, and washed with water. Before selected undercoat application, it should be taken into account that the ground is totally dry.

### Packing

Application method: Is applied with short pile roller, comb trowel or airless spray.

Application temperature: application should be avoided under +10°C

Mixture life: 1 hour at 20 °C. When the amount of mixture and ambient temperature rises, the life of mixture reduces.

Waiting between the coats: At least 16, maximum 48 hours. If this period of time is exceeded the surface should be roughen with sandpaper for good adhesion.

Drying time: surface drying at 20 °C: 6 – 8 hours.

Complete drying at 20 °C: 16 - 24 hours.

Curing: 7 days at 20 °C. Within this period of time, paint film should not be exposed to any mechanical or chemical impacts.

Refining and cleaning: When it is used as undercoat on absorbent concrete surfaces it is refined by 15 % special thinner by weight.

Consumption: theoretically, about 4 kg/m<sup>2</sup> in a single layer with 125 micron film thickness.

Storage and shelf life: 1 year in original unopened packaging at 10 – 35 °C in moisture- free indoor environments. Packaging: in the form of 5kg and 25 kg sets.

