



ООО «Полимер Экспорт»

ПРОМЫШЛЕННЫЕ ЛАКОКРАСОЧНЫЕ ПОКРЫТИЯ

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Manufacturer: Russian Federation

# Two-component epoxy compound «MasterPol-210 ЭП»

## ТУ 5772-027-20514586-2013

### CERTIFICATE

State Registration Certificate for renewal  
Test Record Sheet №104 from 23 March 2015.  
Test Record Sheet № 1708-15/K from 20 May 2015.  
Certificate of conformity № РОСС RU.04ОПС0.С.ОС1.004200 от 02.08.2021 г

### DESCRIPTION

Two-component epoxy compound «MasterPol -210 ЭП» consists of the base (component A) and hardener (Component B) to be mixed before painting.

### FIELDS OF APPLICATION

Two-component epoxy compound is used for industrial and civil floors: commercial and industrial premises, food and pharmaceutical enterprises, warehouses, aircraft hangars, car repair shops and garages as well as residential and utility rooms. It is used in the system with a primer "MasterPol -010".

The epoxy compound is designed for the construction of monolithic seamless polymer coatings – epoxy self-leveling floors with increased requirements for water and chemical resistance, mechanical strength and abrasion resistance. The coating is resistant to weathering and yellowing. The coating is laid on concrete, rigid metal and wooden structures. It forms a thick-layer coating resistant to mechanical and chemical loads.

### TECHNICAL DATA

|                              |  |
|------------------------------|--|
| <b>Colour</b>                | Must conform permissible variations of the control color samples, or samples provided by the customer. |
| <b>Surface</b>               | Homogeneous glossy monolithic flooring free of pinholes, porous and pebbles                            |
| <b>Density component A</b>   | 1,55 ±0,15 g/cm <sup>3</sup>   |
| <b>Density component A+B</b> | 1,43 ±0,13 g/cm <sup>3</sup>   |
| <b>Consumption</b>           | 1,4 kg/m <sup>2</sup> per 1 mm thickness   |
| <b>Curing time</b>           | At t+20°C -24 hours, t +10°C - 48 hours, t+5°C – 3 days  |
| <b>Hardener</b>              | MasterPol – 210 ЭП   |

### INSTRUCTION FOR USE

Check more detailed information in Technical Specification.

### CONDITIONS

The room temperature should not be lower than +10°C and no more than +25 °C. Too low temperature slows down the rate of chemical reaction and makes spreading worse leading to increased material consumption and coating appearance deterioration. Too high temperature accelerates curing reaction and reduces the compound life. The relative humidity of the air in the room during the work is not more than 80%.

### APPLICATION

#### Blending

Component A (base) is mixed in a manufacturer's or special container, then component B (hardener) is added. Next, the components are thoroughly mixed for 2-3 minutes with a construction mixer.



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Система Менеджмента Качества (ISO 9001)



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|                                    |  |
|------------------------------------|--|
| <b>Proportions</b>                 | 100:21,5 by weight<br>3:1 by volume  |
| <b>Pot life at 20±2°C, no less</b> | No less 30 min   |
| <b>Tools</b>                       | - two spindle construction mixer<br>- notched spatula (spreading knife)<br>- needle roller |
| <b>Cleaner</b>                     | Formula thinner RP-1K  |
| <b>Cleaning</b>                    | Immediately after use  |
| <b>Pedestrian load</b>             | In 24 hours  |
| <b>Traffic load</b>                | In 3 days  |
| <b>Aggressive media exposure</b>   | In 5 days  |

#### PACKAGE SIZE

Metal euro bucket 21 l: basis 16 kg  
Metal can 5,2 l: hardener 3,5 kg

#### STORAGE

Store in a tightly closed container in a closed dry room at a temperature from - 40 ° C to + 40 ° C, away from sources of ignition, protecting from mechanical damage, direct sunlight and moisture. Store in a tightly closed container in a dry room, away from sources of ignition, protecting from direct sunlight and moisture.

#### GUARANTED STORAGE LIFE

Expire date is 6 months in case if delivery and storing rules are followed. After expire date shouldn't be used without tests.

#### HEALTH AND SAFETY

When painting work, use personal protective equipment (respirators, gloves, glasses, etc.). Work inside the room should be carried out with artificial (local, general) or natural ventilation. Use the epoxy compound only in places without sources of open fire and ignition. Avoid contact with skin or eyes. In case of skin contact immediately wipe with a rag or cotton swab, rinse thoroughly with soapy water, do not use solvents. In case of eyes contact rinse with clean water for at least 10 minutes, consult a doctor. In case of ingestion, consult a doctor.

#### RECYCLING

Packing materials are recycled as consumer waste.

#### Further Information.

The recommendations above are based on our own research and our best knowledge but don't fully guarantee any particular case as it depends on the quality, friability and porosity of the base. The local working conditions and methods may vary and are beyond our control. Therefore we cannot be held responsible for the actual work on the site. The information is currently updating.



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