



ООО «Полимер Экспорт»

ПРОМЫШЛЕННЫЕ ЛАКОКРАСОЧНЫЕ ПОКРЫТИЯ

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Release date: 14.08.2023
Manufacturer: Russian Federation

Two-component polyurethane compound «MasterPol-210 ПУ»

ТУ 5772-028-20514586-2014

CERTIFICATE

Certificate of Conformity № РОСС RU.04ОПС0.С.ОС1.04202 from 02.08.2021 г.
State Registration Certificate № RU.08.08.09.008.E.000138.02.23 from 20.02.2023
Test record sheet № 1708-15/K from 20th May 2015.

DESCRIPTION

Two-component polyurethane compound «MasterPol-210 ПУ» consists of the base (component A) and the hardener (component B) mixed before use.

FIELDS OF APPLICATION

Two-component polyurethane 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 "MasterPol-010" + "MasterPol-210" system.

The polyurethane compound is designed for the construction of monolithic seamless polymer coatings – polyurethane self-leveling floors with increased requirements for water resistance, chemical resistance, mechanical strength and abrasion resistance. Polyurethane coatings successfully resist shock loads from falling heavy objects, vibrations from working machines and other equipment.

TECHNICAL DATA

Colour	Must conform permissible variations of the control color samples, or samples provided by the customer
Surface	Homogeneous glossy monolithic flooring free of pinholes, porous and pebbles.
Density component A	1,55±0,05 g/cm ³
Density component A+B	1,5±0,05 g/cm ³
Consumption	1,5 kg/m ² per 1 mm thickness
Curing time	At t+20°C -24 hours, at t +10°C -48 hours, at t+5°C – 3 days
Hardener	MasterPol-210 ПУ

INSTRUCTION FOR USE

Check more detailed information in Technical Specification.

CONDITIONS

Temperature and air humidity in the room are the most important parameters in self-leveling floor production works. 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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Proportions	100:20,5 by weight 3,0:1 by volume
Pot life at 20±2°C, no less	35 min
Tools	- two spindle construction mixer - notched spatula or spreading knife - needle roller
Cleaner	Formula thinner RP-1K
Cleaning	Immediately after using
Pedestrian load	Possible in 24 hours
Traffic load	In 3 days
Aggressive media exposure	In 5 days

PACKAGE SIZE

Metal euro bucket 21 l: basis 17 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.

GUARANTEED 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 polyurethane 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.



Собственное современное производство



Система Менеджмента Качества (ISO 9001)



Аттестованная лаборатория



На рынке с 2002 года