



ООО «Полимер Экспорт»

ПРОМЫШЛЕННЫЕ ЛАКОКРАСОЧНЫЕ ПОКРЫТИЯ

8 (4932)773-503



raum-profile.ru
lnmarketing@gk-rp.ru



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Manufacturer: Russian Federation

Two-component epoxy compound «MasterPol-210 ЭП» ТУ 20.30.22-015-69372620-2021

CERTIFICATE

State Registration Certificate RU.30.AQ.02.015. E.001376.12.24 от 03.12.2024 г.
Certificate of conformity to requirement documents № РОСС RU.04ОПС0.С.ОС1.004200 от 02.08.2021 г.
MSDS № 69372620.20.24306 от 29.03.2024 г.
MSDS № 69372620.20.24307 от 29.03.2024 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

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
Mass fraction of dry residue component A	No less 95%
Compound density (component A)	1,55±0,15 g/cm ³
Compound density (base + hardener)	1,43 ±0,13 g/cm ³
Consumption	1,4 kg/m ² per 1 mm thickness
Curing time	At t+20°C -24 hours, t +10°C - 48 hours, t+5°C – 3 days
Hardener	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



Собственное
современное
производство



Система
Менеджмента
Качества
(ISO 9001)



Аттестованная
лаборатория



На рынке
с 2002 года

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.
Proportions	100:21,5 by weight 3:1 by volume
Open time to grade 3 at 20±2°C, no more (wet film thickness 100 microns)	30 min
Tools	- two spindle construction mixer - notched spatula (spreading knife) - needle roller
Cleaner	Formula thinner RP-1K
Cleaning	Immediately after use
Pedestrian load	In 24 hours
Traffic load	In 3 days
Aggressive media exposure	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 dry room at a temperature from -40 °C to +40 °C, away from sources of ignition, protecting from 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 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.