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Manufacturer: Russian Federation
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Two-component epoxy compound «MasterPol-410 ЭП» for thin layer coating

CERTIFICATE

State Registration Certificate № BY.70.71.01.008.E.000596.05.14 from 13.05.2014.

DESCRIPTION

Two-component concrete-based epoxy compound consisting of a semi-finished compound MasterPol - 410 ЭП (component A) and a hardener MasterPol - 410 EP (component B) which are mixed immediately before use.

FIELDS OF APPLICATION

Two-component epoxy compound «MasterPol -210 ЭП» for thin coating is used for industrial and civil floors constructions: commercial and industrial premises, food and pharmaceutical enterprises, warehouses, aircraft hangars, car repair shops and garages as well as residential and utility rooms.

TECHNICAL DATA

Colour	Transparent or coloured, must conform permissible variations of the control color samples, or samples provided by the customer.
Surface	Homogeneous monolithic flooring free of pinholes, porous and pebbles
Density component A	1,50±0,15 g/cm ³
Density component A+B	1,38±0,13 g/cm ³
Curing time	At t+20°C -24 hours, t +10°C -48 hours, t+5°C – 3 days
Hardener	MasterPol-410 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	Mixing. The product is two-component. Component A is a composition of epoxy resin, solvents and functional additives. Component B is a hardener. Mixing sequence: Component A (base) is mixed in a manufacturer's container or a special container, then component B (hardener) is added.
Proportions	100:21,5 by weight 3:1 by volume



ООО «Полимер Экспорт»

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Pot life at 20±2°C, no less	No less 30 min
Tools	- two spindle construction mixer - short bristles roller
Cleaner	Formula thinner RP-1K
Hardener	MasterPol-410
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 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

The material is stored in the original manufacturer packaging in closed warehouses at temperatures from - 4°C to - 40°C, away from sources of ignition. The material should be protected from mechanical damage, direct sunlight, precipitation, moisture penetration and condensation formation.

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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