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# Two-component epoxy refinishing compound «MasterPol-012»

## DESCRIPTION

Epoxy refinishing compound «MasterPol -012» is two-component epoxy compound containing no pigments and hardened by aliphatic amine.

## FIELDS OF APPLICATION

It is used as a strengthening, leveling layer for sealing cracks, irregularities and potholes while repairing horizontal surfaces of concrete bases.

Quartz sand must be used as a filler for epoxy repair composition to saturate and increase hardness.

Important: the introduction of quartz filler affects the mixture viscosity and spreadability. The required amount of quartz sand is determined experimentally, depending on the specific situation and the required viscosity.

## TECHNICAL DATA

Surface	Homogeneous monolithic flooring free of pinholes, porous and pebbles
Density component A	1,55±0,05 g/cm <sup>3</sup>
Density component A+B	1,38±0,05 g/cm <sup>3</sup>
Curing time	At t+20°C -24 hours, t +10°C -48 hours, t+5°C – 72 hours
Hardener	MasterPol-012 ЭП

## INSTRUCTION FOR USE

More detailed information is checked in the technical specification.

## CONDITIONS

The room temperature should be no lower than +10C and no more than + 25 C. Too low a temperature slows down the rate of the chemical reaction and worsens spreading, which can lead to an increase in material consumption and coating appearance deterioration. Too high a temperature accelerates the curing reaction, reduces the life of the compound. The relative humidity of the air in the room during the work is not more than 80%.

## APPLICATION

The product is two-component. Component A is a composition of hydroxyfunctional resin, thinners and target additives. Component B is a hardener.

### Blending

*Mixing sequence:* Component A (base) is mixed in a manufacturer's container or a special container, then component B (hardener) is added. Next, the components are thoroughly mixed for 3-5 minutes with a construction mixer.

### Proportions

100:29 by weight  
2,3:1 by volume

### Pot life at 20±2°C, no less

No less 20 min



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**Tools** - two spindle construction mixer  
- velvet roller

**Cleaner** Formula thinner RP-1K

**Hardener** MasterPol-012

**Tool Cleaning** Immediately after use

**Foot load** In 24 hours

**Transport load** In 72 hours

**Severe atmosphere impact** In 5 days

#### PACKAGE SIZE

Metal euro bucket 21 l: basis 16 kg  
Metal can 5,2 l: hardener 4,7 kg

#### STORAGE

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.

#### 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 primer 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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