

PRODUCT INFORMATION PAGE

REPOXY 500

SOLVENT-FREE EPOXY PRIMER

PROPERTIES:

The Repoxy 500 is a two-component epoxy primer of high strength and low viscosity, used for hardening and sealing any dusty and brittle cement substrates. It effectively blocks residual moisture up to 4% CM in the floor. Our product offers excellent adhesion. It protects from dusting. It does not contain solvents or water.

PURPOSE:

For strengthening cement and anhydrite substrates. Designed for priming any dusting surfaces of concrete floors. For sealing primers and cement floors of increased residual moisture up to 4% CM. For indoor and outdoor use. Do not use the primer in areas where the substrate may become damp from below.

INSTRUCTIONS:

Before priming, sand the underlay to improve its porosity. Should not be diluted before use. Apply on a dry and clean, dusted surface. Ensure that the Repoxy 500 reached room temperature before use. Add component B (hardener) to component A (resin). Stir using a slow speed mechanical stirrer for ca. 5 minutes, until a homogeneous mixture is achieved. Apply evenly with a roller, brush or a hydrodynamic spray. The second layer should be applied crosswise, only after the first one hardened enough to be walkable (ca. 2-3 hours). Dust the entire surface using quartz sand (0.6 - 1.2 mm) to increase substrate adhesion to other products, like glue for instance. After fully curing (ca. 24 hours), remove the excess of loose sand and continue work.

APPLICATION CONDITIONS:

Air temperature: +15°C - +25°C

Substrate temperature: +10°C - +25°C

Humidity: 45% - 75%

STORAGE:

The product should be stored in the unopened, original packaging in a dry area at a temperature above +5°C.

EFFICIENCY:

0.20 - 0.40 kg/m² per layer (depending on the substrate)

SPECIFICATIONS:

Component A - resin,

Component B - hardener

Form: liquid

Color: light yellow

Smell: distinctive

Mixing ratio: Cpt A: 100 ppw

Cpt B: 49 ppw

Dust-dry: ca. 10 hours

Curing time: 24 hours

Time of work: 60 minutes (20°C)

Application temp.: +5°C - +25°C

Density: Cpnt A: 1.13g/cm³ (20°C)
Cpnt B: 1.01g/cm³ (20°C)

Walkable: ca. 2-3 hours

EXPIRATION:

24 months from the production date on the packaging

PACKAGE SIZE:

9kg (6kg A cpnt + 3kg B cpnt)

PN: 0960

For difficult problem-solving questions, or products with special requirements, which are not covered by this technical card, we assure all our clients of our professional consulting services. Upon issue of a new technical card, the present one will no longer be valid.