

RESIPOX®

FAST CURING EPOXY REPAIR MORTAR



DESCRIPTION

RESIPOX® is an easy-to-apply trowel mortar for quick lasting repairs.

BENEFITS

- Easy processing
- Odour and dust free
- Fast curing
- Liquid-tight (polishing and a thickness of minimum 10 mm)
- Can be applied horizontally and vertically
- High mechanical strength

FIELD OF APPLICATION

Particularly suitable for seamless plinths and levelling of level differences and concrete repairs.

APPLICATION

PREPARATION OF THE SUBSTRATE

Make sure the surface is clean. The recommended processing temperature for the surface, the surroundings and the material is 15 to 25 °C. Do not use below 10 °C.

RESIPOX® is applied to a wet primer layer.

PREPARATION OF THE PRODUCT

Stir the base component (component A) homogeneously before use, add the entire contents of the curing component (component B) and mix with an electric mixer with a stirrer at moderate speed until the two components are fully homogeneous.

PREPARATION OF THE EQUIPMENT

Always work with clean mixing containers and application material.

APPLICATION

Apply the mortar with a trowel or flat trowel. Use an appropriate trowel for quarter round plinths.

Maximum layer thickness 10 cm.

COMPLIMENTARY PRODUCTS

- RESIPOX® Primer
- Cleaning solvent for tools: MEK SOLVENT

TECHNICAL DATA

APPEARANCE - COMPOSITION

A-component	Epoxy resin with quartz
B-component	Polyamine hardener
Colour	Sand coloured

REACTION TIMES

After 6 hours* of curing, you can walk on the floor.

Can be mechanically loaded after 12 hours*.

* At 20 °C

CONSUMPTION

2 kg/m² per mm layer thickness.


TECHNICAL DATA

Specific mass	2.0 kg/dm ³
Colour	Sand coloured
Compressive strength	100N/mm ²
Flexural strength	>26 N/mm ²
Tensile strength	>20 N/mm ²
Adhesion to concrete	Exceeds concrete cohesion
Heat resistance	60 °C continuously
Layer thickness	>5 mm
Min. application temperature Hardening temperature	+10 °C +5 °C
Processing time	30 minutes at 20 °C
Hardening time at 20 °C	Walkable 6 hours Mechanically loadable 12 hours Chemically loadable 7 days
Shelf life	24 months

CHEMICAL RESISTANCES

Good chemical resistance to alkalis, petroleum derivatives, acid, diluted organic acids, salts and solutions. For more information please contact RESIPLAST NV.

CE MARKING

	
0749	
KORAC NV, Gulkenrodestraat 3, 2160 Wommelgem, Belgium	
13 0749-CPR-BC2-563-4714-0002-001	
EN 1504-3 : 2005 Protection and repair of concrete structures – Structural and non-structural repair – PC mortar	
Compressive strength	class R4
Chloride ion content	<0.05%
Adhesion strength	≥2.0 Mpa
Carbonation resistance	Pass
E-modulus	21,6 GPa
Thermal compatibility, Freeze-Thaw	≥2.0 Mpa
Capillary absorption	<0,5 kg.m ² .h ^{-0,5}
Reaction to fire	E _{FL}
Dangerous substances	Complies with 5.4
DoP N°: DOP03RPX01S3	

REFERENCE DOCUMENTS



FM 78518



EMS 716699



PACKAGING

RESIPOX®	Comp A	Comp B
Set 5.0 kg	4.82 kg	0.18 kg
Set 10.0 kg	9.64 kg	0.36 kg
Set 25.0 kg	24.10 kg	0.90 kg

STORAGE AND SHELF LIFE

Store RESIPOX in a dry, well ventilated storage area between 5 and 35 °C.

Shelf life: 24 months

If in doubt, contact RESIPLAST NV and provide the batch number on the package. Do not let the product get in contact with ground water, surface water or sewage systems. Dispose of contaminated packaging and remnants according to legal regulations.

SAFETY PRECAUTIONS

Carefully read the safety instructions before using RESIPOX®. Products have a characteristic odour when being applied. Ensure there is sufficient ventilation, stay away from ignition sources and do not smoke. Avoid contact with skin. Eye irritation and/or sensitivity may occur during heavy vapour concentrations, inhalation and/or skin contact. Do not keep food products (food, beverages) in the same workspace. Always wear personal protective equipment according to local guidelines and regulations. Gloves and safety goggles are mandatory.

The above information is provided in good faith, but without any guarantees. The application, use and processing of the products are beyond our control and are, as such, the sole responsibility of the user/processor. In the event that KorAC nv is still held liable for damages, then the claim will still be limited to the value of the goods delivered. We always aim to deliver consistently high quality goods. All values on this technical sheet are average values that result from tests carried out under laboratory conditions (20 °C and 50% RH). Values that are measured on the construction site may show a slight deviation since the environmental conditions, the application, and the way of processing our products are beyond our control. Do not add any products other than those indicated on the technical documentation. This version replaces all previous versions. Version 2.0 Date: 8 February 2024 3:38 pm