

## USAGE

RESIPOX® is an easy-to-apply trowel mortar for quick lasting repairs. The repair is loadable after only a few hours. Particularly suitable for seamless plinths and levelling of level differences.

## CHEMICAL RESISTANCE

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

## PROPERTIES

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

## PROCESSING

### • Preparing the application surface

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.

### • Mixing

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.

### • Application

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

Maximum layer thickness 10cm.

### • Use

After 6 hours\*of curing, you can walk on the floor. Can be mechanically loaded after 12 hours\*.

\* At 20 °C


## PACKAGING

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

## TECHNICAL SPECIFICATIONS

Specific mass	2.0kg/dm <sup>3</sup>
Colour	Sand coloured
Compressive strength	100N/mm <sup>2</sup>
Flexural strength	>26N/mm <sup>2</sup>
Tensile strength	>20N/mm <sup>2</sup>
Adhesion to concrete	Exceeds concrete cohesion
Heat resistance	60°C continuously
Layer thickness	>5mm
Min. application temperature	+10°C
Hardening temperature	+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

## CE CERTIFICATE

	
0749-CPD	
Resiplast NV, Gulkenrodestraat 3, B-2160 Wommelgem	
13 BC2-563-4714-0002-001	
EN 1504-3 Concrete repair product for structural repairs based on polymers.	
Repair method	3.1 / 4.4 / 7.1 / 7.2
Compressive strength	class R4 (>80Mpa)
Chloride ion content	<0.05%
Adhesion strength	≥2Mpa (>4Mpa)
Carbonation resistance	satisfactory
E-modulus	>21000N/mm <sup>2</sup>
Thermal compatibility part I	Class R4
Capillary absorption	<0.5kg.m <sup>-2</sup> .h <sup>-0.5</sup>
Fire resistance	NPD
Dangerous substances	Complies with 5.4
Chemical resistance	NPD

## USAGE

2kg/m<sup>2</sup> per mm layer thickness

## APPEARANCE

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

## YOU WILL NEED TO SUPPLY

- Primer
- Cleaning solvent for tools: MEK SOLVENT

## STORAGE

Store RESIPOX in a dry, well ventilated storage area between 5 and 35°C. 24 months shelf life.

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

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 Resiplast N.V. 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. This version replaces all previous versions. Version 2 Date: 5 November 2020 4:04 pm