

COPOX COLLE REPRISE

EPOXY GLUE FOR CONSTRUCTION JOINTS



Update on 07/29/2025

Properties

COPOX COLLE REPRISE is a solvent-free epoxy system that polymerizes in dry environment.

This feature means that it can be used for construction joints with fresh concrete on hardened concrete and for gluing.

Domains of application

- Construction joints,
- Adhesion of separate screeds,
- Gluing concrete/concrete, concrete/steel,
- Watertight surfacing, non-skid surfacing,
- Filling cracks on concrete slabs,
- Protection of concretes and steels/reinforcements from chemicals attacks.

Characteristics

Part A: epoxy resin modified with filler and pigment

Part B: polyamine hardener

Colour	Grey
Specific weight	1,5 kg/m ³
Application temperature	+ 10°C à + 25°C
Minimum hardening temperature	+ 5°C
Pot life at 20°C	25 minutes

Use

Types of substrates :

Concrete, mortar, brick, natural stone, steel, wood, ceramics.

Condition of the substrate :

Clean, sound, free of dust, oily substances, and loose material; not frozen.

Steel must be free of grease and patches of rust (possibly sanded).

Preparation :

Carefully mix the totality of the 2 components until the colour is uniform.
Apply the mixture immediately by brush or squeegee.

Construction joints :

Fresh on fresh application before the hardening of the resin.

Pouring concrete :

- not later than 8h at 10°C,
- not later than 4h at 20°C,
- not later than 2h at 40°C.

Avoid pouring the concrete or mortar too abruptly.

Gluing :

Brush onto one of the elements to be assembled. Maintain pressure during the gluing time.

Surfacing films :

Brush onto the substrate to be surfaced.

Wait for complete polymerization, in other words the drying/hardening of the COPOX COLLE REPRISE.
The end finish is smooth, watertight, and resistant to friction.

Non-skid surfacing :

Brush onto the substrate to be surfaced.

Sprinkle more sand than strictly necessary on the coated surface.

After complete polymerization, sweep or vacuum to remove the excess sand.

Cleaning :

Clean tools with ethyl acetate before COPOX COLLE REPRISE hardens.

Cured product residue must be removed mechanically.

Performances

Compressive strength	> 24 N/mm ²
Flexural strength	> 10 N/mm ²
Tensile strength	> 6 N/mm ²
Adherence to concrete	2,6 N/mm ² (supérieure à la cohésion du béton)
Modulus E	2400 N/mm ²
Thermal resistance	60°C
Mechanical resistance	After 4 jours
Chemical resistance	After 7 jours

Proportion

Construction joints and surfacing films : 0,5 à 0,8 kg/m² depending on the substrate.

Gluing: 0,2 kg/m².

Coating : 300g/m²/layer.

Safety

Refer to the safety data sheet.

Storage

2 years in hermetically sealed original packaging, away from both high heat and freezing temperatures.

Packaging

Kit of 2 kg (A = 1,64 kg, B = 0,36 kg)

Kit of 5 kg (A = 4,12 kg, B = 0,88 kg)

The data sheets are written in French. The English version is provided for informational purposes. In case of conflict, only the French version shall prevail between the parties.

The information provided in this document is for guidance only and reflects our current knowledge. We shall not be responsible or liable for any improper or inappropriate use of our products.

Given the wide range of possible uses, our recommendations do not exempt users from carrying out their own tests. Our laboratory and technical department will be happy to provide you with any information you may require.

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