

# EPOXY COMPOUND

## SIVITCOL<sup>®</sup> A+B

### Epoxy poly-aminoamide putty, easy to use

Solvent-free two-component epoxy putty with excellent filling and adhesion properties on various substrates. Suitable for filling non-structural cracks, reconstructing edges and filling holes and cavities on industrial floors.



#### Description

Two-component product based on epoxy resins and amino- polyamide hardeners, specially designed to be easy to use (the 2 components must be dosed in equal volume parts).

It has no shrinkage and a low tendency to leak. After hardening it can be sanded or sanded.

It offers secure adhesion on various substrates:

- Cement
- Iron
- Ceramics
- Bricks
- Glass
- Wood
- Insulation materials

#### Use

Grouting of non-structural cracks.

Filling holes and cavities on industrial floors. Shaving of uneven surfaces.

Reconstruction of edges.

Re-gluing tiles, marble and other artifacts.

Grouting holes, embedding nails, dowels or screws.

#### Support

The substrate must have a minimum compressive strength of 25 N/mm<sup>2</sup> and a tensile strength of 1,5 N/mm<sup>2</sup>.

#### Preparation of the support

Carefully clean the surfaces to be restored, removing all traces of sludge, inconsistent parts and dust, until a completely revived surface is obtained.

If the substrate is floury, it is necessary to consolidate with FLUIDEPOX or FIBROPROTEX PRIMER.

#### Application

SIVITCOL is supplied in 2 components of different colors (black and white): simply take volumes of equal parts from the two packages A and B. Then mix the 2 components carefully with a spatula, until a uniform gray color is obtained.

The product is thus ready for use and must be used immediately.

After removing the quantity, close the containers without polluting one mixture with another: the product can then be stored as provided under the storage conditions.

Product consumption is about 1.15 kg/m<sup>2</sup> per 1 mm thickness.

**N.B.:** Do not use the components separately for any reason.

Product for professional use. The purchaser undertakes to strictly follow the above warnings when applying the purchased product and the instructions in the safety data sheet.

SIVITCOL<sup>®</sup> A+B • Technical sheet • 05/11/2025

#### Sivit S.r.l.

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Sistema di gestione conforme alle ISO 9001:2015 – ISO 14001:2015 – ISO 45001:2018

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## Technical specifications

PRODUCT DATA	
Colour	White (part A) and black (part B) Grey (mixture A+B)
Consumption	1.15 kg/m <sup>2</sup> per 1 mm thickness
Specific gravity (at 25°C)	mixture (A+B): 1,15 +/- 0,05 g/ml part A: 1,23 +/- 0,05 g/ml part B: 1,06 +/- 0,05 g/ml
Viscosity (at 25 °C)	mixture (A+B): Thixotropic paste
Dry residue	100% by weight
Solvent for cleaning tools	UNI Solvent
Storage	12 months, store in a dry place at a temperature between 5 °C and 30 °C

APPLICATION DATA AND TIMING	
Mixture ratio	by weight: A=100, B=78 by volume: A=100, B=100
Pot-life (50% R.H.)	at 5 °C 30-35 min at 25 °C 18-20 min at 30 °C 10-12 min
Dry to the touch (50% R.H.)	at 5 °C 2-3 hours at 25 °C 1.5-2.5 hours at 30°C 1-2 hours
Walkable (50% R.H.)	at 25°C 4-6 hours
Hardening in depth (50% R.H.)	at 25°C 5 days
Volumetric shrinkage	Negligible
Environmental conditions of use	Temperatures between +5 °C and +30 °C
Surface temperature	At least 3 °C above the condensation temperature

TECHNICAL PERFORMANCE DATA	
CE marking (reg. n. 305/2011)	Complies with EN1504-2. Coating (C) Principles (PR)
Pull Off Adhesion (EN 1542)	> 1,7 MPa
Abrasion resistance standard EN 5470-1	33 mg
Impact resistance (EN 6272-1)	29,4 Nm (Classe 2)
Water permeability (EN 1062-2)	w = 0,01 kg/(h <sup>0,5</sup> m <sup>2</sup> )

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