



Certified Quality System Company  
UNI EN ISO 9001:2015



## TECHNICAL DATA SHEET PRODUCT

# EPOXY CER 90

THIXOTROPIC EPOXY ADHESIVE  
in cartridge  
Rev.1 – May 23'

### COMPOSITION

COMPONENT A: thixotropic epoxy resin with mineral fillers and pigments

COMPONENT B: mix of agents of catalysis containing adducts of cycloaliphatic amines, polyamides, tertiary amines, mineral fillers and pigments

### FIELD OF USE

Permanent bonding of building materials, cement, marble, granite, natural stones & artificial, gress, ceramic products, wood ecc between them or to other supports.

Suitable for INDOOR and OUTDOOR use ( Temperatures not exceeding 50-55° C )

### CHARACTERISTICS

- Excellent adhesion
- Medium/Fast hardening
- Moderate moisture absorption
- Resistant to atmospheric agents and acid rains
- Almost no shrinkage
- Easily polished with shiny effect

### WARNING

- The hardening becomes faster at high temperatures and slower at low temperatures
- The application at temperature between +10°C/50°F and +30°C/86°F is recommended.
- Does not adhere to silicones
- Does not adhere to polyethylene

### PACKAGING

EPOXY CER 90

1 BOX ( 12 cartridge of 400 ml. + 12 mixer )

Available colours: White, Black, Grey Beige and colours on request

### MIXING RATIO

Epoxy adhesives / glues require exact mixing ratios by weight between component A (resin) and component B (catalyst) and in the specific case:

#### COMPONENT A: COMPONENT B = 100: 100

(e.g. 1 kg. of component A mixed with 1 kg. of component B)

In the cartridge formulation the dosage is already predetermined and automatic.

### EXTRUSION - IMPORTANT!

*Pay attention!* The first 70-100 mm. that come out of the static mixer may not be perfectly mixed in the correct proportion and therefore, in order to avoid hardening difficulties, eliminate these first millimeters.

This also applies when reusing an unfinished cartridge by applying a new static mixer.

## HOW TO USE

**PREPARING THE SURFACE.** Thoroughly clean the surfaces, eliminating all traces of dust, crumbly parts, foreign substances, etc ... if the substrate is slightly roughened the adhesion is improved.

**MIXING.** Predetermined dosage and automatic mixing during extrusion from the cartridge

**APPLICATION.** Direct, with mixing from the special mixer during extrusion (or with a spatula or by spreading)

## THICKNESS

The best adhesive characteristics are obtained with adhesive thicknesses from 1.0 to 3.0 mm.

## CONSUMPTION

150-500 grams per square meter

## HARDENING at 23°C/73,4°F after extrusion from static mixer

**Workability time \*\*:** 15 - 20 minutes

**Hardening time \*\* :** 80 - 110 minutes

**Time of complete polymerization \*\*:** 1 - 2 days

\*\* The times are intended for a thickness of 2 - 3 mm of adhesive

## NOTE

The modest shrinkage develops only limited tensions both during and after hardening, thus favoring greater stability of the bonding and of the material.

It is possible to glue together, even in alternating layers, heterogeneous materials such as: metals, wood, natural and artificial stones.

**WARNING!** *The prolonged exposure to UV rays causes the superficial alteration of the initial colour of the product. The product is suitable for gluing/bonding and not for visible grouting, especially outdoors*

## STABILITY

EPOXY CER 90 must be stored in strictly closed cartridges in a cool and dry place at Temperature 10° - 30° C and away from direct sunlight. Under these conditions it is stable and can be used for 12 months or more. Storage temperatures above 35°C reduce the stability over time.

## DISPENSER / CAULKING GUN

**Manual dispenser VBM200x for EPOXY CER 90 400 ml.**



## LIMITATION OF LIABILITY

The data provided derive from published information or from our own laboratory tests. The information provided here must be considered as a guideline and not as any form of performance guarantee. Liability for defective products, when verified, is limited to refund of the purchase price since application of the product is beyond the control of the manufacturer or supplier.

**IT IS RECOMMENDED TESTING IN A SMALL AREA IS ALWAYS RECOMMENDED BEFORE THE APPLICATION**