

# CERMIANCHOR EP

## 2 COMPONENT, EPOXY ACRYLATE BASED CHEMICAL ANCHOR SYSTEM



Grey



- *High mechanical strength in a short time*
- *Fast curing*
- *High performance*
- *Thixotropic, non-sagging*

- *Easy to apply with its special gun*
- *High load carrying capacity*
- *Color retention*

## PRODUCT INFORMATION

### WHERE TO USE

- Rebar / reinforcement planting and reinforcement applications
- Bolts, rods and injection packers
- In construction materials such as concrete, brick, steel, hard natural stone and rock.

### GENERAL FEATURES

**A Comp. Density** :  $1,65 \pm 0.03 \text{ g/cm}^3$   
**B Comp. Density** :  $1,30 \pm 0.03 \text{ g/cm}^3$   
**Full curing time (20 °C)** : 7 days  
**Consistency** : Putty  
**Colour** : Grey

### TECHNICAL CHARACTERISTICS

#### Performance Data For Rods Into Concrete

Sprout Diameter (mm)	Min. Hole Diameter (mm)	Hole (mm)	Min. Tensile Load (kN)
8	10	80	7
10	12	100	11
12	14	120	16

### PACKAGING

- 300 ml (A+B) x 12 per box

### CONSUMPTION

Diameter (mm)	Required Hole Diameter (mm)	Hole Depth (mm)	Amount Applied
8	10	80	65
10	12	90	42
12	14	110	25
16	18	125	13
20	22	170	7
24	26	210	2

### STORAGE

- Store the product in a ventilated place away from direct exposure to sunlight.
- Keep between +5°C and +25°C. Once the package is opened, it should be used in a month.
- Shelf life is 1 year under appropriate storage conditions.



Interior – Exterior



Surface Inspection



Application Temperature



Application with Silicone Gun

## APPLICATION

### APPLICATION PROCEDURE

**Application temperature :** +5 °C ; +30 °C

**Mixing ratio :** A comp. : B comp. / 3 : 1

#### Working And Hardening Times

Temperature	Working Time	Loading Time
5 °C	25 '	2-3 h
20 °C	6 '	1 h
30 °C	4 '	30 '
35 °C	2 '	25 '



### SUBSTRATE PREPARATION

- Application surfaces must be free from dust, dirt, oil, etc. and dry, smooth and sound.
- Concrete surfaces must be cured.
- Loose particles in the hole should be removed.



### APPLICATION

- Unscrew the cap of the cartridge
- Screw the mixing nozzle onto cartridge Insert the cartridge in the gun
- Remove the mixture until the two components have a homogeneous light grey colour in the nozzle
- Choose a drill of suitable dimensions depending on the rod to be anchored
- Remove the water and dirt (dust and loose material) with a circular brush and a blower or with air pressure
- The items to be fastened must be clean
- By injecting 2/3 of the hole with chemical anchor fill it.
- Turn the anchor rod into the hole and remove the excess mortar. Observe that the part is protruding from the hole mouth.

### SAFETY INSTRUCTIONS

- Do not inhale and avoid of its contact with skin and eyes.
- It is recommended to use appropriate work equipment (gloves, goggles, mask, knee pads, etc.) during application of the product.
- For more detailed information please read the Material Safety Data Sheet (MSDS)

**Note:** Technical values and application instructions are valid under ambient temperature of 23°C with relative humidity 50% and they are the results of our tests and experience in accordance with international standards. Our company is not responsible for any errors that may occur if the instructions and recommendations specified in the technical data sheets are not followed.

**CERMIX**

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