

# CERMIANCHOR PES

## 2 COMPONENT, POLYESTER BASED CHEMICAL ANCHOR SYSTEM



Grey



- *Fast curing*
- *Preserves its color*
- *High resistance to chemicals*

- *Preserves its color*
- *Applicable on damp surfaces*
- *Thixotropic, non-sagging*

## 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  
**Colour** : Grey

### TECHNICAL CHARACTERISTICS

#### 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 '

#### 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

### SUBSTRATE PREPARATION

- Application surfaces must be free from dust, dirt, oil, etc. and dry, smooth and sound.
- The surface quality of the mortar and concrete must be at least 28 days old.
- 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
- In case the anchor is set in a hollow brick, introduce the sleeve of suitable dimensions (for brick: sleeve 16 mm x 85 mm, and for concrete block: sleeve 16 mm x 130 mm)

### 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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Head Office  
Koramic Yapı Kimyasalları San. Tic. A.Ş.  
E-5 Karayolu Üzeri, Sıfı Mah. Hükümet Cad.  
Tuzla 34941 İstanbul / TÜRKİYE  
Phone: +90.216.423 34 33 • Fax: +90.216.423 53 63

Bozüyük Factory  
Bozüyük Organize San. Böl. 10. Cad.  
106 Ada / 5 Parsel No: 3 Bozüyük - BİLEÇİK / TÜRKİYE  
Phone: +90.228.314 63 00  
Fax: +90.228.314 63 0

Tarsus Factory  
Huzurkent Tarsus Organize Sanayi Bölgesi  
13. Cadde No: 10 Tarsus - MERSİN / TÜRKİYE  
Phone: +90.324.676 40 41-676 42 32-676 44 49  
Fax: +90.324.676 40 47