



Epoxy Based Chemical Anchor



- Suitable for rods and reinforcing bars in plain and hollow structures.
- Styrene free and very low odour

DESCRIPTION

CERMIANCHOR EP is a high performance styrene free epoxy acrylate injection mortar for solid and hollow supports having a short cure time. It is suitable for use in concrete, stone, perforated bricks and cavity blocks in a wide range of applications.

AREAS OF USE

- Heavy load-carrying attachments in solid stone and concrete.
- Repair mortar or adhesive mortar for concrete components.
- Attachment of anchor rods, threaded collars, reinforcement bars, profiles etc.
- Medium-load applications in hollow-bricks.
- Fixing of; - Wooden constructions - Metal constructions - Metal profiles - Sanitary fittings - Pipe connections - Projecting roofs - Facades - Cable trays - Railings - Staircases - Gates - Window elements

PROPERTIES

Basis : Epoxy Acrylate Resin
Color : Light Grey (Component A:beige; Comp. B:black)
Density : 1,80 kg/l at 20 °C

TECHNICAL PERFORMANCE

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

APPLICATION DETAILS

- 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)

- Easy to extrude and to inject.
- Thixotropic, can be applied in vertical and horizontal direction.

- In the case of a solid base material, inject the product from the base of the hole until 2/3 full
- Insert the element to be fastened rotating, if necessary, keep the position with a suitable device
- Unscrew the mixing nozzle and replace the cap

CONSUME

NUMBER OF ANCHORS BY DIAMETER

Diameter (mm)	345 ml
8	80/90
10	45/50
12	26/30
16	14/16
20	6/7

PACKAGING

300 ml (A+B) x 12 per box

STORAGE AND SHELL LIFE

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 of the unopened original packaging is one year from manufacturing date.

HEALTH AND SAFETY PRECAUTIONS

Before injection, verify the expiry date of the product, the support resistance and the ambient temperature. Settings in any subsequent adjustment are only possible during working time.



Note: The initial controls of our product are made during the production phase. We guarantee the stability of our products' quality. All recommendations and instructions on the technical sheet are generally based on our experience. Please contact us for applications on special surfaces not mentioned in the technical sheet. Our company reserves the right to update the information on the technical sheet in the case of technical necessities without prior notice. This new catalogue supercedes the previous editions.

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