

## **Anchoring of reinforcement steel with resin in cartridges, on compact structures, made of reinforced concrete, cotto tiles, stone, wood, with horizontal or above-head holes**

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### **APPLICATION DATA SHEET**

Anchoring of reinforcement steel with resin in cartridges, on compact structures, made of reinforced concrete, cotto tiles, stone, wood, with horizontal or above-head holes, prior:

- 1. preparation of the substrate;**
- 2. grouting.**

#### **1) PREPARATION OF THE SUBSTRATE**

Drill horizontal or above-head holes with suitable equipment and clean them with compressed air jets. The hole's diameter should be at least 20 mm bigger than the diameter of the reinforcement rod to be anchored, the cement cover layer must be at least 10 mm thick. Substrate and holes must be dry in order to guarantee the proper curing of the resin.

#### **2) GROUTING**

Insertion into the holes previously made of metal or synthetic reinforcements and anchoring by the injection of two-component, thixotropic, polyester resin-based chemical anchoring agent **Kimitech F3**.

Remove the cap from the cartridge, slide the locking pins to the open position, screw the mixing nozzle, then insert the cartridge into the extrusion gun.

Squeeze the material out of the spout until it has a uniform dark color (a few centimeters of extruded product are enough), then continue with the procedure.

#### **ALTERNATIVES:**

- as chemical anchoring, in place of **Kimitech F3**, it is possible to use the epoxy resin **Kimitech EPOXY CTR** or the vinylester resin **Kimitech VINYL CTR**.