Anchoring of reinforcement rods with cement-based mortar

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APPLICATION DATA SHEET
Anchoring of reinforcement rods with cement-based mortar prior:

1. drilling;
2. grouting.

1) DRILLING
Drill 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. Soak the area to be treated eliminating any pools of water on the surface (s.s.d. condition).

2) GROUTING
Insertion into the holes previously made of metal reinforcements and anchoring by the injection of high resistance pre-mixed expansive slurry **Betonfix 200**, respecting the consumption rate indicated in the Technical Sheet.
Prepare initially only 3/4 of the water required, then add the product and the remaining water continuously until you obtain the consistency required. Mix the product for about 5 minutes with a cement-mixer or, for small quantities, with a mechanical stirring device and an agitator
If the holes are shorter than 40 cm proceed with gravity casting.
In case of consolidating injections or if the holes are longer than 40 cm, place the reinforcement bar and fill the hole placing two plastic tubes. One will go down to a depth of about half of the hole and will be used to inject the mixture; the other one, with a "control function", will allow the coming out of the air from the hole and will indicate the complete filling of the cavity.