

Description

Robex Injectabond is a rapid curing 'one shot' two part chemical anchoring system. Based on a polyester resin system, Injectabond offers the added benefits of low temperature curing and superior resistance against bolt corrosion. Versatile in use, Robex Injectabond is suitable for use with wall ties, starter bars, bolts or large screws in a wide range of substrates including brickwork, concrete, masonry, stone and PFA blocks.

Preparation

Drill the required number of holes allowing 2 mm extra diameter above fixing size. Remove all dust from the hole by either vacuuming or inserting a suitable brush. Before injecting Injectabond ensure the holes are dry, clean and sound.

Application

Assemble the Injectabond System as follows:-

- 1) Press fit the mixing nozzle onto the cartridge and hand tighten the nut.
- 2) Place cartridge into Robex Injectabond Gun.
- 3) To use the system simply press the green end of the colour coded valve. Gradually pressurise the cartridge by activating the hand trigger a few times until material passes through the mixing nozzle. Stop pressurising and allow the material to flow until an even colour is obtained (approximately 5-6 inches in length).

Press the red end of the valve. Insert the nozzle into the base of the hole.

Open valve again by pressing the green end and activate the trigger, remove the nozzle slowly as the holes fill. Once the required fill is achieved turn off the valve and wipe off excess material. Insert the fixing with a rotating action to the desired depth. Once all applications have been carried out, any Injectabond remaining in the cartridge can be saved by closing the valve, releasing the pressure by pressing the slide release arm on the back of the trigger stop and pulling back the slide rail. Remove the used mixing nozzle and wipe away excess material on the end of the cartridge.

NB: Once material has started to extrude through the nozzle over pressurising the system will not increase flow rate but can cause leakage from the rear of the cartridge.

Technical Data

Product type:	Two part polyester resin system.
Mixing ratio:	10:1 as supplied
Working life:	5-7 minutes @ 20°C.
Cure time (firm):	15-20 minutes @ 20°C.
Cure time (tensioning):	2 hours @ 20°C. (Hand tight)
Full cure:	16 hours @ 20°C. (Final tension)
Minimum application temp:	5°C.
Shelf life:	18 months in original sealed containers

No liability is accepted for any injury, loss or damage arising directly or indirectly from the use of the Company's products or from the use of information given in our data sheets, since the customer's use of the product is necessarily out of our control. The information given is intended to serve as a guide only. Customers should satisfy themselves by appropriate trials that the products are suitable for their intended use.

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