

**Press release**

Waldachtal, 9 November 2022

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New fischer injection mortar RebarConnect FIS RC II

## **The right chemistry between concrete and reinforcements**

**Reinforcing bars embedded in mortar are increasingly used in new builds as well as during renovations and conversions of existing buildings. The fischer Group of Companies is introducing its new injection mortar, the RebarConnect FIS RC II, which not only makes post-installed rebar connections quicker but also safer and more efficient.**

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Post-installed rebar connections have proved their worth in everyday construction, be it for connecting new walls, columns or stairs, closing existing floor openings, or creating floor plates, concrete covers or foundation extensions. As such, heavy-duty chemical fixings are frequently used for applications such as these during new builds and renovations. The fixing specialist fischer provides concrete construction specialists with a secure and efficient solution for post-installed rebar connections with an ETA with its new RebarConnect FIS RC II vinyl ester hybrid mortar.

The ETA covers applications with reinforcing bars with a diameter of 8 to 32 mm that are embedded at depths of up to 2 m. Short processing and curing times enable quick work progress in drill holes created either with hollow or hammer drills. Possible temperatures of -10 °C to +40 °C in the anchor substrate according to the ETA allow for flexible and universal applications. FIS RC II has also been approved for post-installed

rebar connections with a service life of 100 years. The injection mortar's ETA enables designs up to fire resistance class R 180. FIS RC II is available in container sizes of 360 ml and 825 ml shuttle cartridges. The battery-operated dispensers FIS DB S Pro and FIS DB SL Pro are suitable for the two cartridge sizes and complete the product range.

Users also have access to a reliable and safe programme for designing post-installed rebar connections with the REBAR-FIX module from the fischer FiXperience software suite. Depending on the on-site options and requirements, the REBAR-FIX programme enables verification in line with various standards and guidelines.

fischer's technical field service and technical hotline are available in case users have any queries. The fischer Academy also offers e-learning training on post-installed rebar connections through live online and in-person seminars. The programme contains regular training sessions that allow participants to obtain a certification from The German Institute for Structural Engineering upon completion. German companies and tradespeople require this certification in order to be allowed to execute post-installed rebar connections.

### **Image captions:**

#### **Image 1**

*The fixing specialist fischer has launched the new RebarConnect FIS RC II injection mortar specifically for post-installed rebar connections.*

#### **Image 2**

*FIS RC II creates connections that last in any relationship. Post-installed rebar connections can be carried out safely and permanently with the new fischer injection system.*

*Images: fischer*

## **The fischer Group of Companies**

The fischer Group of Companies, headquartered in Waldachtal in Germany's northern Black Forest, generated sales of 988 million euro in 2021 with a worldwide staff of 5,400 employees. The family-owned company operates 50 subsidiaries in 38 countries and exports to more than 120 countries. It includes the five divisions: fischer fixing systems, fischer Automotive, fischertechnik, fischer Consulting and fischer Electronic Solutions.

fischer fixing systems is the technological market leader in key areas of fixing technology. fischer offers products that deliver technical perfection to a wide range of customers, from do-it-yourselfers to tradespeople to key account partners.

fischer Automotive manufactures high-quality parts for vehicle interiors. The company is highly competent in the plastics processing segment and is an important partner for the automotive industry. Its range of products includes air vents, cup holders, trays and multi-function components.

With its construction kits, fischertechnik is active in both the toymaking and the educational sector. fischertechnik is one of the last remaining toy makers to exclusively develop and produce in Germany.

fischer Consulting evolved from the competence developed in the company itself, which includes the fischer ProcessSystem with its central aim of permanent improvement for the ultimate benefit of the customer. fischer Consulting advises small and medium-sized businesses, government agencies and major companies on their path towards lean and efficient processes.

fischer Electronic Solutions develops and manufactures electronic solutions including product and system developments based on the latest technology as well as custom production orders processed in the company's own production facilities. As an experienced provider of development and production services for custom systems such as multi-touch solutions made of glass and the corresponding controller units, fischer Electronic Solutions forms the perfect link between the customer and the final product.

[www.fischer.group](http://www.fischer.group)

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