

## Press release

# Sandwich fastening directly into concrete ETA-certified concrete screw for fastening without insertion rails

Bad Laasphe,  
15.07.2025

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Number of characters:  
2,144 (including blanks)

With the new ETA-certified JC6-D concrete screw from EJOT, sandwich panels used for industrial lightweight construction can now be fastened directly to precast concrete substructures. The insertion rails commonly used up to now are now a thing of the past. This saves time, costs and valuable resources.

Until now, special insertion rails were used to fasten sandwich elements to concrete substructures. These are already used during the production of the precast concrete substructures so that the sandwich elements of the facade cladding can be attached to them later using self-drilling screws. In practice, this resulted in a high level of planning effort for the positioning of the rails. The rails were set in concrete, which meant there was no flexibility and subsequent changes were impossible.

The JC6-D concrete screw is made of A4 stainless steel with a hardened forming zone and can be used in cracked and non-cracked concrete in roof and wall areas. The unique high thread geometry and the captive, pre-assembled stainless steel sealing washer provide optimum protection for the connection against rain. With the new ETA-certified JC6-D concrete screw from EJOT, sandwich elements in industrial lightweight construction can now be fastened directly to precast concrete substructures. The insertion rails are no longer needed, which saves valuable resources, as hundreds of metres of insertion rails will no longer have to be produced, transported and installed for construction projects in future. This also results in a time advantage, as the precast concrete substructures can generally be produced more quickly without rails being inserted in the concrete plant. The highlight: JC6-D concrete screws are completely removable and can be recycled separately when the sandwich elements are dismantled at a later date.

The JC6-D concrete screw completes EJOT's range for the direct fastening of sandwich elements. With the JC6-D for concrete substructures, the JT3 self-drilling

screw and JZ5 self-tapping screw for steel, and the JF3-Plus self-drilling screw for wood, fastening solutions are now available for all common substrates.



With the ETA-certified JC6-D concrete screw, sandwich elements can now be fastened directly into concrete – without the need for insertion rails.

### About EJOT®

The EJOT Construction Division caters to selected segments of the building industry. This includes professional applications on building facades and installation solutions for technical facilities inside the building. The main products are drilling and sealing screws, anchors, mounting elements and profiles for External Thermal Insulation Composite Systems (ETICS), chemical and mechanical anchors as well as fasteners for flat roofs and solar applications.

Whether it is the construction of the highest tower, the most spectacular nuclear reactor protective cover or the southernmost polar station in the world – EJOT customers rely on many years of experience in the building industry.

EJOT – that is more than 4,000 employees in 51 locations, more than 24,000 products and one hundred years of company history.

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