



System magnet.

Solutions for automated
precast concrete production.



Project list:
**To the concrete construction
products for precast concrete.**

<http://www.kaiser-elektro.org/bbwerksfertigung>



Product video
Insertion work



Product video
Installation

Systems and solutions for professional electrical installation work.

KAISER has been developing and producing systems and products as the basis for good installation work since 1904. Planners and fitters all over the world use our practice-oriented solutions for their daily work in all installation areas.



Energy efficiency.

Innovative KAISER products help you to ensure compliance with the requirements of EU Directives and national regulations, such as the German Energy Act for Buildings (GEG, formerly EnEV).



Radiation protection.

Use of the new radiation-protection one-gang boxes allows the radiation protection of the wall to be maintained without additional shielding measures.



Fire protection.

KAISER fire protection systems provide reliable solutions for electrical installations in fire protection walls and ceilings.



Construction.

KAISER has corresponding product system solutions for safe, durable and practical use in redevelopment, renovation and modernisation projects.



Sound insulation.

KAISER's innovative sound insulation boxes ensure compliance with the construction requirements for sound insulation walls, as well as for built-in installations.



Concrete construction.

Complete systems for on-site mixed and precast concrete. Fully optimised for professional electrical installation work.

Technical information and advice

All current further information on products, system solutions and communication media can be found on our website at www.kaiser-elektro.de

For additional questions or information, our team of technical consultants will be happy to assist you and look forward to talking to you: **+49 (0) 23 55 809 61** · technik@kaiser-elektro.de

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Wall and ceiling transitions.

For connecting conduits
at transition points.

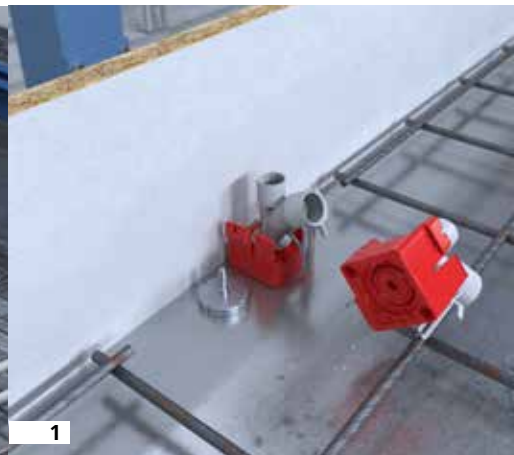
Precast concrete construction – well-connected from the start.



Semi-finished part number | date (03/2025) | Subject to error and technical modifications.

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Wall and ceiling transitions – the extensive range.

The new **end and transition bushes, 30° wall** and **ceiling elbows and 90° wall and ceiling transitions** allow automated positioning and fixing of conduit connections in precast concrete elements for the first time.

The integrated slot for system magnets (1299-69) and system magnets PLUS (1299-70) enables a safe, formwork-flush fit on the horizontal steel formwork for the circulation systems used in concrete plants.

The new articles also provide alternative options for fixing to formwork. In this way, they can be fixed using hot glue, steel nails and even using the **Prefix® universal support seat** (1261-00) for overhead installation in solid wall elements.

- Slot for system magnet (1299-69) and system magnet PLUS (1299-70) for use in automated production lines
- For conduit sizes of Ø 20 mm, Ø 25 mm and Ø 32 mm
- All end and transition bushes, 30° wall and ceiling elbows and 90° wall and ceiling transitions can be combined with each other
- Resealable closing cover to protect the empty conduit system from concrete when installed on top, during transport and when erected on site
- Signal bristle and bold colouring for easy retrieval in the concrete surface
- Easy cable pull-in due to optimal transition radius
- 1-piece design, immediately ready for use

- 1 Wall and ceiling transitions with slots for the KAISER system magnet (1299-69) and system magnet PLUS (1299-70)
- 2 Perfect connections for automated production.
- 3 Wall and ceiling transitions for fixing by means of hot glue.

- 4 Prefix® universal support seat (1261-00) – fast and easy fitting for overhead installations
- 5 The optimal elbow radius of the new unit facilitates flexible and easy electric cable insertion.
- 6 The B² range allows for complete prefabrication of electrical installations. The wall and ceiling transitions offer the greatest possible tolerance compensation when using rigid conduits.

Process optimisation thanks to prefabricated sub-assemblies.

Prefabricated sub-assemblies are becoming increasingly important in modern electrical installations. The industrial prefabrication of complete units at the factory significantly simplifies the installation process on site, improves the quality of the work and speeds up project delivery.

With precast concrete, sub-assemblies are installed, tested and documented under optimal conditions. Every cable length, every connection and every joint is manufactured precisely in accordance with the project-specific requirements. The result: consistently high quality and fault-free performance.

Prefabricated sub-assemblies significantly reduce the amount of work required at the construction site. Installers can fit the pre-assembled components straight away – without the need for time-consuming cutting, wiring or testing. This saves time, minimises the risk of errors and reduces installation costs.

The close integration of planning, manufacturing and installation results in precisely tailored solutions. Changes can be incorporated as early as the production phase, making it easier to schedule projects and allocate resources more efficiently.

In-factory production enables optimised use of materials and reduces waste. In addition, transport, packaging and waste on site are kept to a minimum – a win-win for the environment and cost-effectiveness.

Prefabricated sub-assemblies in precast concrete production ensure maximum efficiency, high quality and predictable processes. They are the key to forward-looking, industrial-scale installation technology that saves time, money and resources – whilst maintaining a consistently high level of precision.

