

Prefix® Concrete construction box.

The new generation – even easier and faster.

Best connection in concrete.





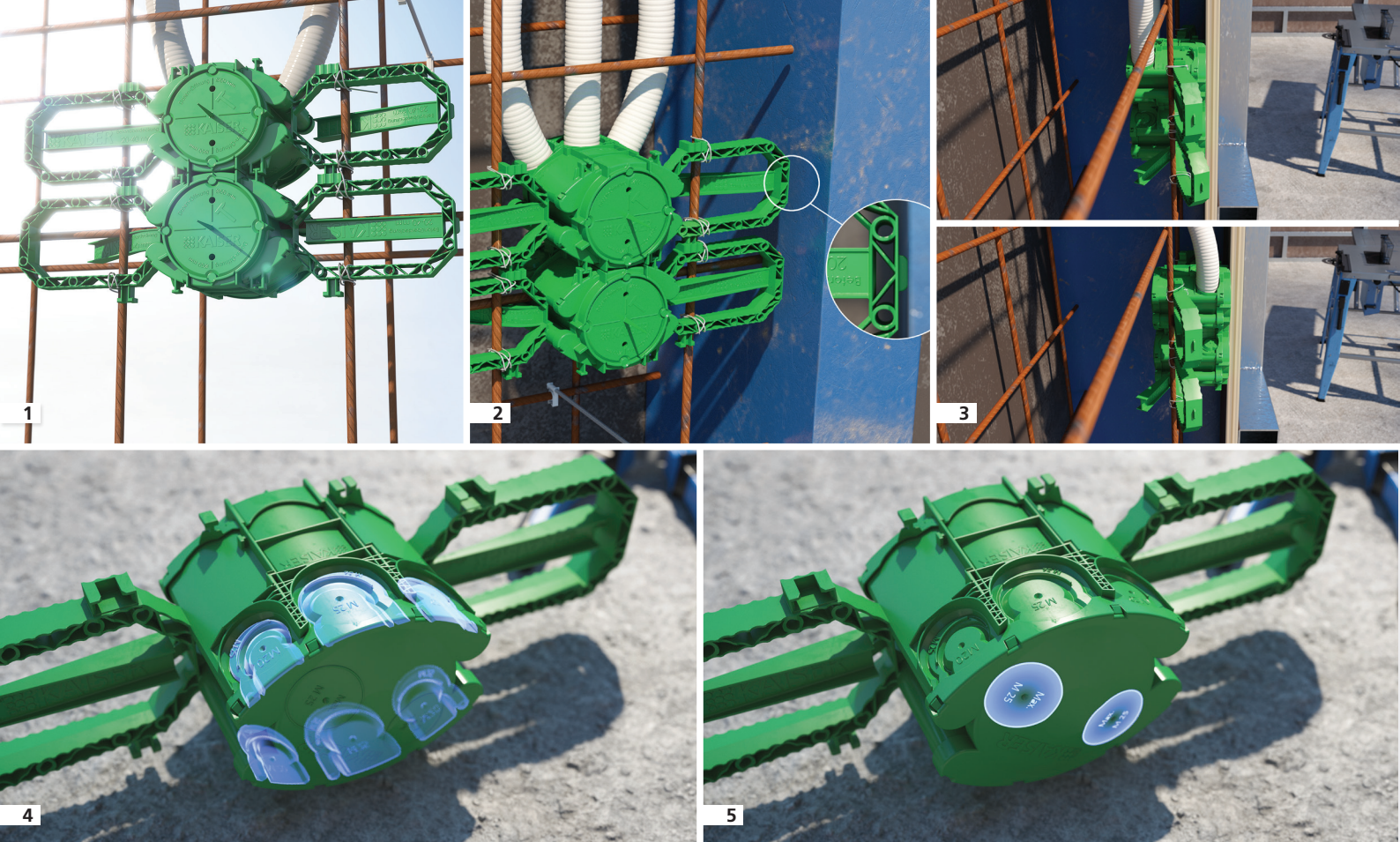
Innovative and economical in on-site mixed concrete.

On-site mixed concrete is typically used for the production of large parts and surfaces. Here, the fresh concrete, delivered or mixed on site, is filled into the formwork prepared with reinforcement and installation components and then compacted. After curing, the formwork is removed and the walls or ceiling slabs are finished. Wooden formwork is usually used for on-site mixed concrete. The formwork can possibly be coated with plastics or synthetic resins. For processing in on-site mixed concrete, the **Prefix® concrete construction boxes** are ideally suited.

Assembly to the opposing formwork side without support element and abutment is provided by the reinforced lateral assembly clamps. For easy alignment using a laser spirit level, new centre markings have been applied to the plaster skin of the one-gang junction box. Lateral spacers to the side formwork allow concrete to flow completely around for facing concrete installations.

Mounting on the working formwork by means of two stable nail domes arranged in the plaster skin with nail pre-fixation enables a secure hold on the formwork with steel nails. Thus, no fixing marks are visible in the concrete surface.



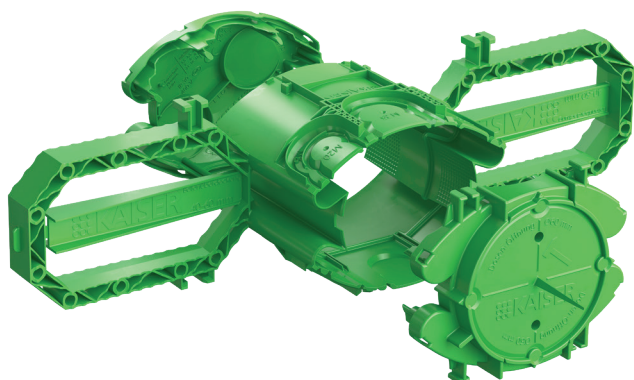


The new Prefix® concrete construction boxes.

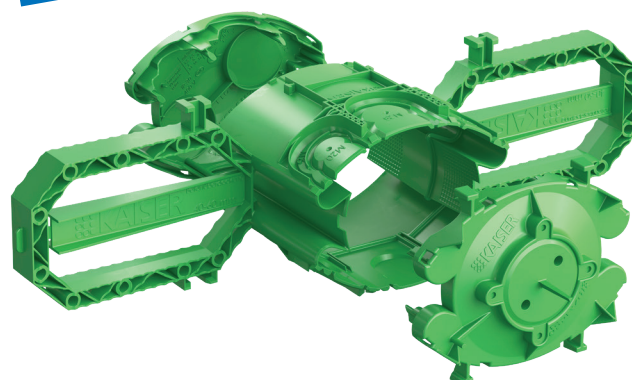
The new Prefix® concrete construction boxes, in addition to the proven product features such as the lateral installation clamps for fastening to the reinforcement, the mounting clips for pre-fixing the items and the pronounced corrugated profile for an exact and secure fit, now also have innovative conduit entries, insertion options in the rear part of the box as well as separators that can be broken out at a later date for connecting devices in combinations.



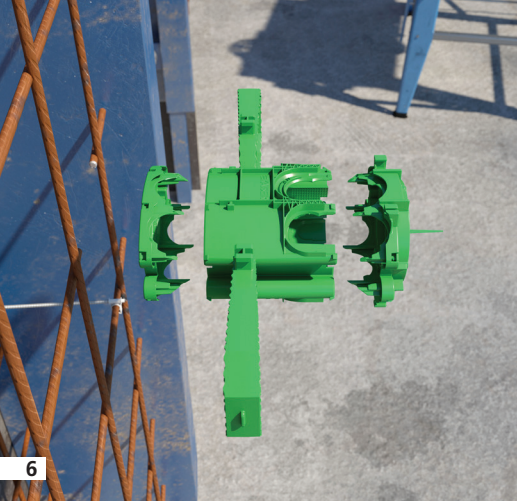
10 times better!



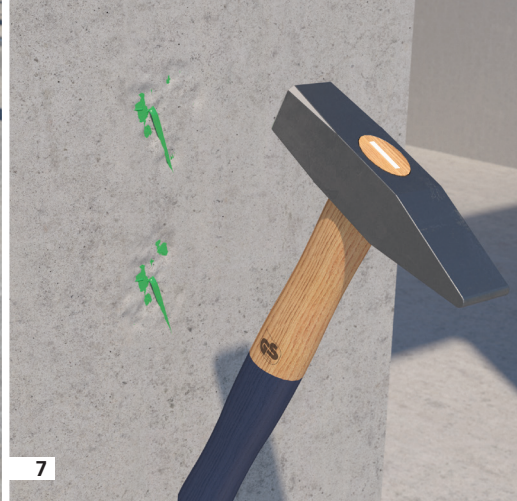
Prefix® 60
one-gang junction box
1211-01



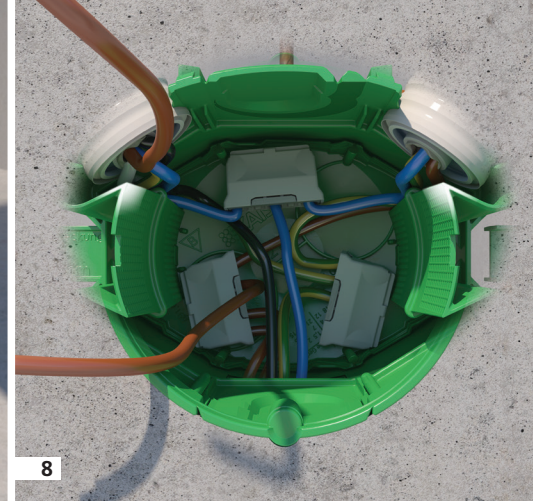
Prefix® 35
wall light connection box
1211-02



6



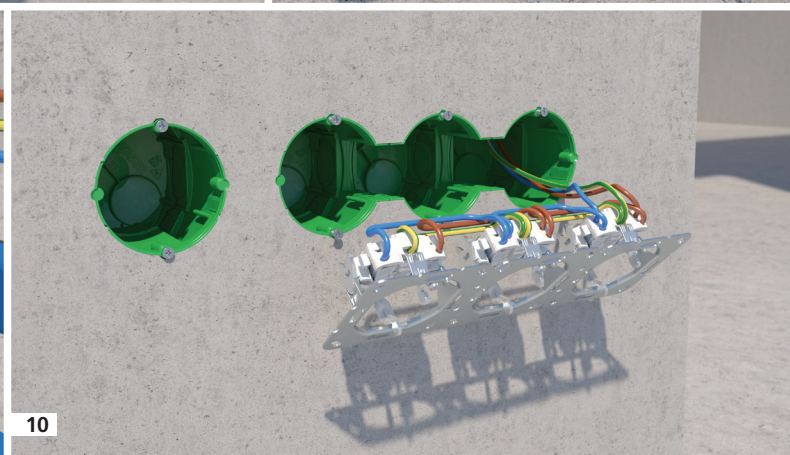
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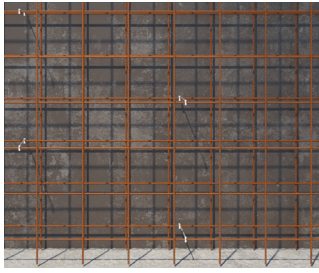
The new Prefix® - 10 times better.

- 1 The simple and fast installation for opposing formwork without support element and abutment...
- 2 ... as well as lateral spacers ensure complete flow around the concrete and allow facing concrete installations even in passage and edge areas
- 3 Suitable for 20 - 60 mm concrete covering
- 4 Innovative conduit entries Ø 25/32 mm and Ø 20/25 mm, for fast processing on the construction site
- 5 Insertion options up to Ø 25 mm on the rear base of the box
- 6 Easy assembly by hand
- 7 Stable signal bristle and strong colouring for easy retrieval in the concrete surface
- 8 Large assembly and installation clearance
- 9 Convenient installation of pre-wired installation accessories in multiple combinations by ...
- 10... means of a subsequently breakable bridge

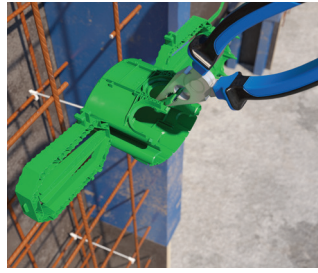
Packed full of innovative functions, the new **Prefix® one-gang junction boxes** and **Prefix® wall light connection boxes** offer new market-orientated product features, noticeably easier handling as well as improved efficiency on the construction site.

The Prefix® concrete construction boxes allow a simple and quick installation to the opposing formwork without support element and abutment, with safe concrete tightness.

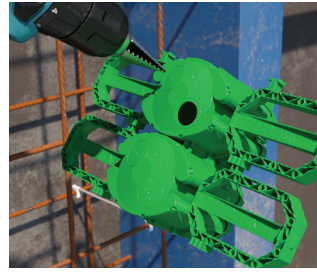
Installation



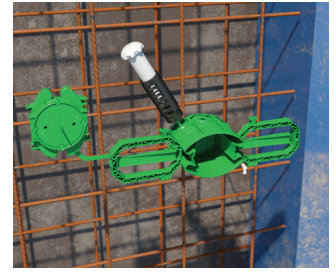
Prepared working formwork with reinforcement from the opposing formwork side.



The conduit entries can be opened easily using standard combination pliers.



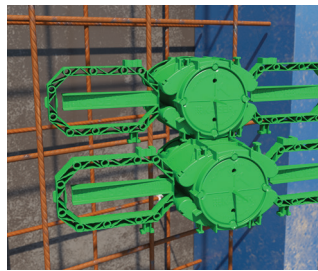
The KAISER step drill (Art. No. 1284-32) can be used to precisely produce the openings required at the back for conduits up to Ø 25 mm.



With the KAISER universal opening cutter (Art. No. 1085-80), the required openings for cables or lines are made to fit exactly.



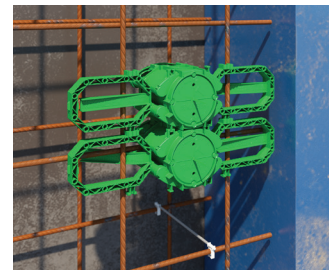
Box base and front part are simply attached by hand.
Observe concrete cover before sealing!



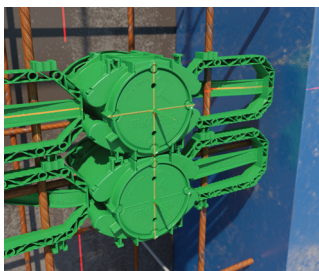
For multiple combinations, the Prefix® one-gang junction boxes can be combined at a standardised combination distance of 71 mm (DIN 49075).



The signal bristle on the front parts of the Prefix® articles hold the position of the Prefix® concrete construction boxes visible in the wall surface.



The Prefix® concrete construction boxes can be pre-fixed quickly and easily to the reinforcement using Prefix® installation technology.



The centre marking on the plaster skin enables easy and exact alignment of the one-gang junction box using a laser spirit level.



The conduits can now simply be inserted into the prepared openings.



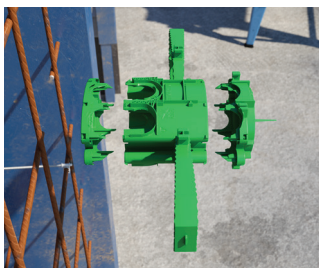
You have both hands free to quickly and securely fasten the fixing to the reinforcement with roving wire or cable ties.



For use on both sides for 20-40 mm or 40-60 mm concrete covering.

Adjustment to the respective concrete cover

Concrete covering 20-40 mm



The assembly of the box for a concrete covering of **20 to 40 mm** is carried out by feeding out the conduit entries at the bottom of the box.



This means that the conduit entries are located behind the first reinforcement layer and that time-consuming and destabilising reinforcement cuts are no longer necessary.

Concrete covering 40-60 mm



By simply turning the box upside down, a concrete covering of **40 to 60 mm** is also possible. For this purpose, the conduit entries must be arranged on the front part.



Thus, the conduit entries are located in front of the first reinforcement layer and also remain usable without restrictions. The conduits are to be routed behind the reinforcement at the earliest opportunity.

At a glance.

Prefix® concrete construction box 60

- One-gang junction box to be fixed to the reinforcement.
- Can be used for concrete coverings from 20-60 mm
- Pre-fixing by means of Prefix® installation technology
- 1-piece with moulded front and rear part
- Standardised combination distance 71 mm
- with 4 screw domes and 2 expanding claw fields



Prefix® concrete construction box 35

- Wall-light connection box for fixing to the reinforcement
- Can be used for concrete coverings from 20-60 mm
- Pre-fixing by means of Prefix® installation technology
- 1-piece with moulded front and rear part



Length x width x depth	290 x 78 x 91 mm	290 x 78 x 91 mm
Installation opening Ø	60 mm	35 mm
Break-out openings for conduits DIN EN Ø 25/32 mm	2	2
Break-out openings for conduits DIN EN Ø 20/25 mm	4	4
Markings in the bottom of the box for conduits DIN EN up to Ø 25 mm	2	2
Markings for wires and cables up to Ø 16 mm	8	8
	•	•
Art. No.	1211-01	1211-02
Packaging inner/dispatch	25 / 50	25 / 50

Universal opening cutter for plastics

- for manufacture of exact entry openings
- for low-voltage wiring of Ø 4 - 7.5 mm
- for NYM cables up to 5 x 2.5 or 7 x 1.5
- for NYY cables up to 5 x 2.5
- for DIN EN conduits (flexible) with outer Ø of up to 20/25 mm
- with 1/4" chuck size for battery-powered drills



for exact entry openings	4 - 22.5 mm
Art. No.	1085-80
Packaging inner/dispatch	- / 10

Step drill

- for concrete construction installation
- for manufacturing conduit entry openings
- can be adapted for battery-powered drills



DIN EN Pipe Ø	10 - 40 mm
Art. No.	1284-32
Packaging inner/dispatch	- / 10

Prefix® accessories

B¹ Prefix® wall exit adapter

- for end/transition bushes and wall/ceiling transitions
- in conjunction with B¹ Prefix® system wings



1211-20 (Ø 20 mm)
1211-25 (Ø 25 mm)
1211-32 (Ø 32 mm)

End and transition bushes

- for connecting conduits or as a ceiling exit



1204-24 (Ø 20 mm)
1204-34 (Ø 25 mm)
1204-29 (Ø 32 mm)

Wall and ceiling transition 30°

- for connecting conduits or as a ceiling exit



1202-04 (Ø 20 mm)
1202-34 (Ø 25 mm)
1202-29 (Ø 32 mm)

B¹ Prefix® system wing set

- suitable for various B¹ items



2 pieces
1211-00

Technical information and advice

All further information on products, system solutions and communication media can be found on our website: 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



Product video
Inlay work



Product video
Installation

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