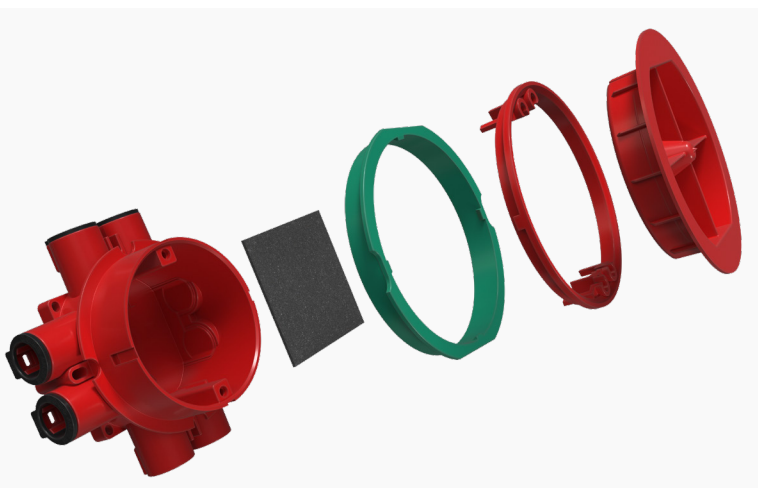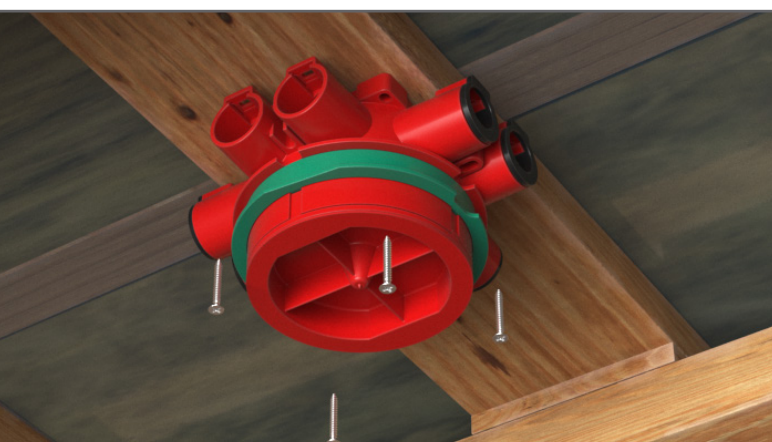# AU70FR fire retardant ceiling junction box

The AU70FR fire retardant ceiling junction box can be installed on EI30 and EI60-approved fire ceilings: fire-rated plaster board ceiling according to the test report (Eurofins Expert Services: LETTER NO EUFI29-19003068-T2). The fire retardant ceiling junction box can be installed in both load-bearing and non-load-bearing roof structures, and can be used with both intermediate floors and roofs. Box fire resistance has been tested in accordance with EN 1365-2:2014, EN 13501-2:2016 and EN1363-1:2012.
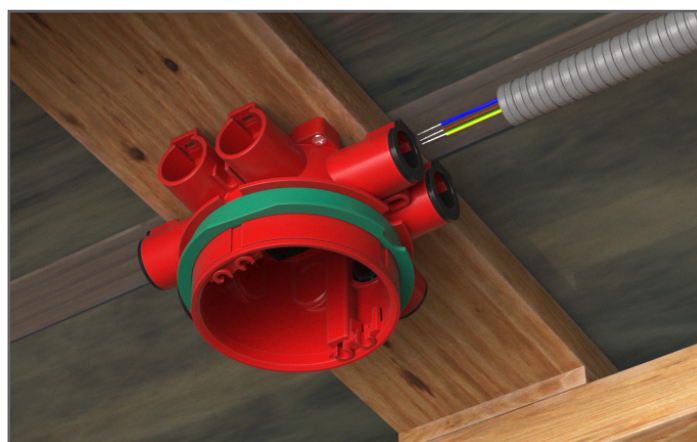
The box is fastened to the base with four screws. The mounting hole is made with a hole saw; the diameter of the hole must not exceed 86 mm. The box must be installed in the center of the hole; the drilled hole must not be worked after installation. When installing, it must also be noted that there is a minimum thickness of insulation above the box that is determined by the structure.

The elevation ring and adapter ring supplied with the box adapt the surface of the box to the underside of the plaster board used: The green elevation ring is used on a single-board ceiling (12.5 mm). Remove the elevation ring if the roof is double-boarded (2 x 12.5 mm). If the plates are 15 mm thick, the red adapter ring must also be used. The ring elevation in the second position is 2.5 mm (one 15 mm plate) and 5mm (2 x 15 mm plate) in the second position.
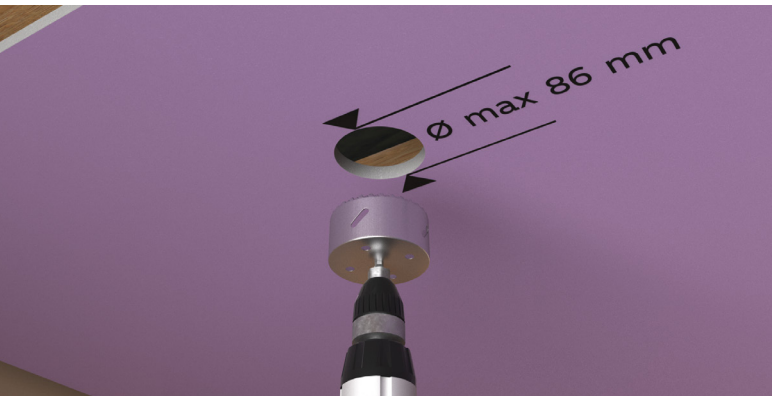
Installation

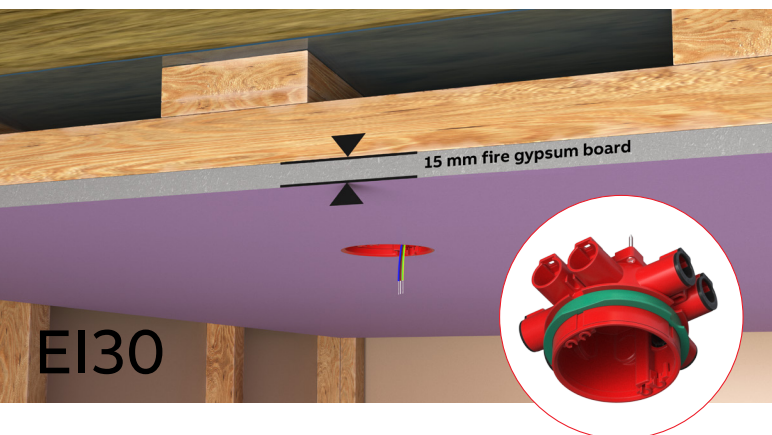01 The box is fastened to the base with four screws.
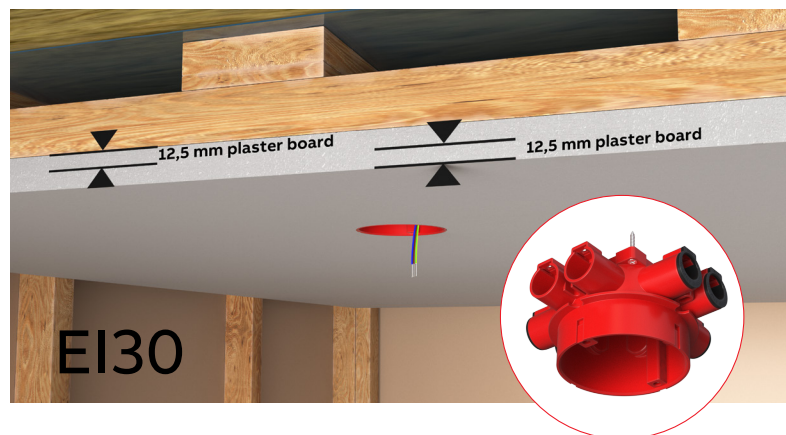

02 Connection.

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03 The mounting hole is made with a hole saw; the diameter of the hole must not exceed 86 mm.
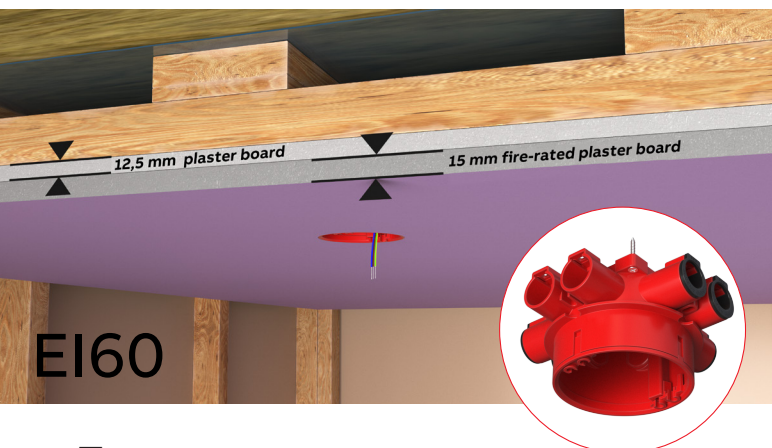

04 The box must be installed in the middle of the hole; the drilled hole must not be worked afterwards.
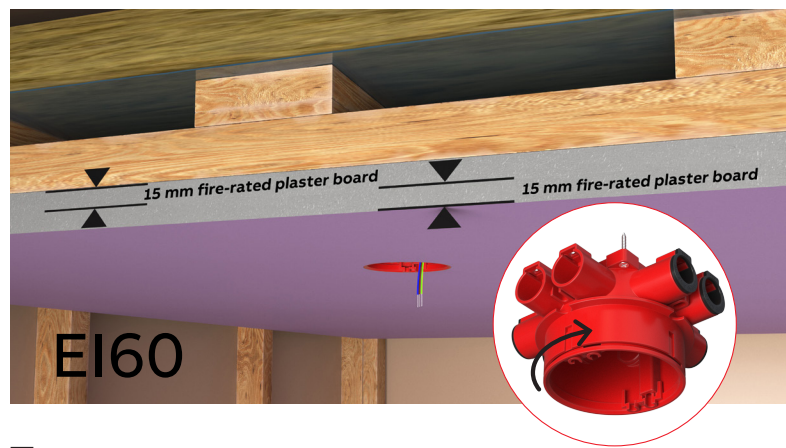

EI30

05 Installation on EI30 fire roof (1 x 15mm fire plaster board). A green elevation ring and a red adapter ring (raised in this position by 2.5 mm) are used.

EI30

06 Installation on EI30 fire roof (with 2 x 12.5mm plaster board). No elevation or adapter rings.

EI60

07 Installation on EI60 fire roof (1 x 12.5 mm plaster board and 1 x 15 mm fire plaster board). Red adapter ring raised in this position by 2.5 mm.

EI60

08 Installation on EI60 fire roof (2 x 15 mm fire plaster board). Red adapter ring raised in this position by 5 mm.

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