Fire-retardant ceiling junction box
For EI30 and EI60 fire-rated ceilings

The AU70FR contains a fire cushion, made of expanding material, that prevents fire from spreading to ceiling structures.

The AU70FR fire-retardant ceiling junction box can be installed in EI30 and EI60-fire-rated ceilings (fire-rated plasterboard ceiling according to the plasterboard manufacturer’s or structural engineer’s instructions). The fire-rated 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.

Properties
• Includes expanding fire cushion to prevent fire from spreading to ceiling and roof structures.
• Suitable for use in EI30 and EI60-rated intermediate floors and roofs.
• Can be used in load-bearing and non-load-bearing structures.
• Can be used with boards of different thicknesses and board combinations without accessories.

The fire cushion expands when the temperature rises as a result of fire. The expansion of the material in the event of fire seals the box, so the ceiling structure retains its specified fire rating.
**AU70FR features**

**Open fixed inlet**
- The box has one open fixed inlet for a Ø 16/20 mm conduit.
- Eight fixed inlets in total.
- The Inlet adapter is removed when using the Ø 20 mm fitting tube.

**Fire cushion**
Fire cushion is fixed to the base of the box, made of intumescent material, expands when the temperature rises as a result of fire. The expansion of the material in the event of fire seals the box, so the ceiling structure retains its specified fire rating.

**Lid**
The junction box is supplied with an AS67.70 protective cover.

**Reducer**
- The reducer is removed when using the Ø 20 mm conduit.

**Adapter rings**
- The green adapter ring is used with a single layer of board. The ring is removed if there are two layers of board.
- With the red adapter ring, the height of the box can be increased by either 2.5 mm or 5 mm, depending on the ring position. The ring is needed for ceiling structures made with 15 mm gypsum boards.

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