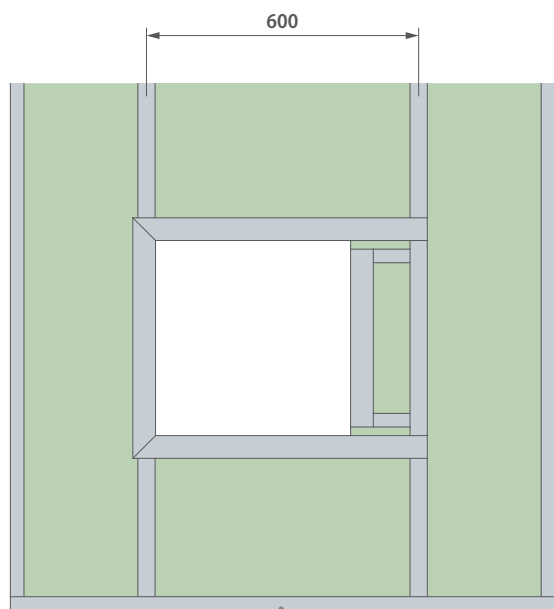
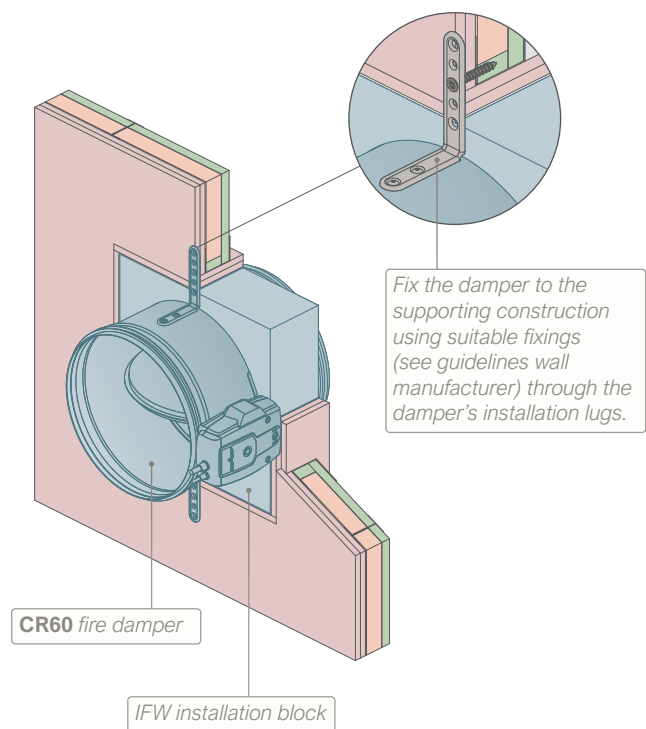
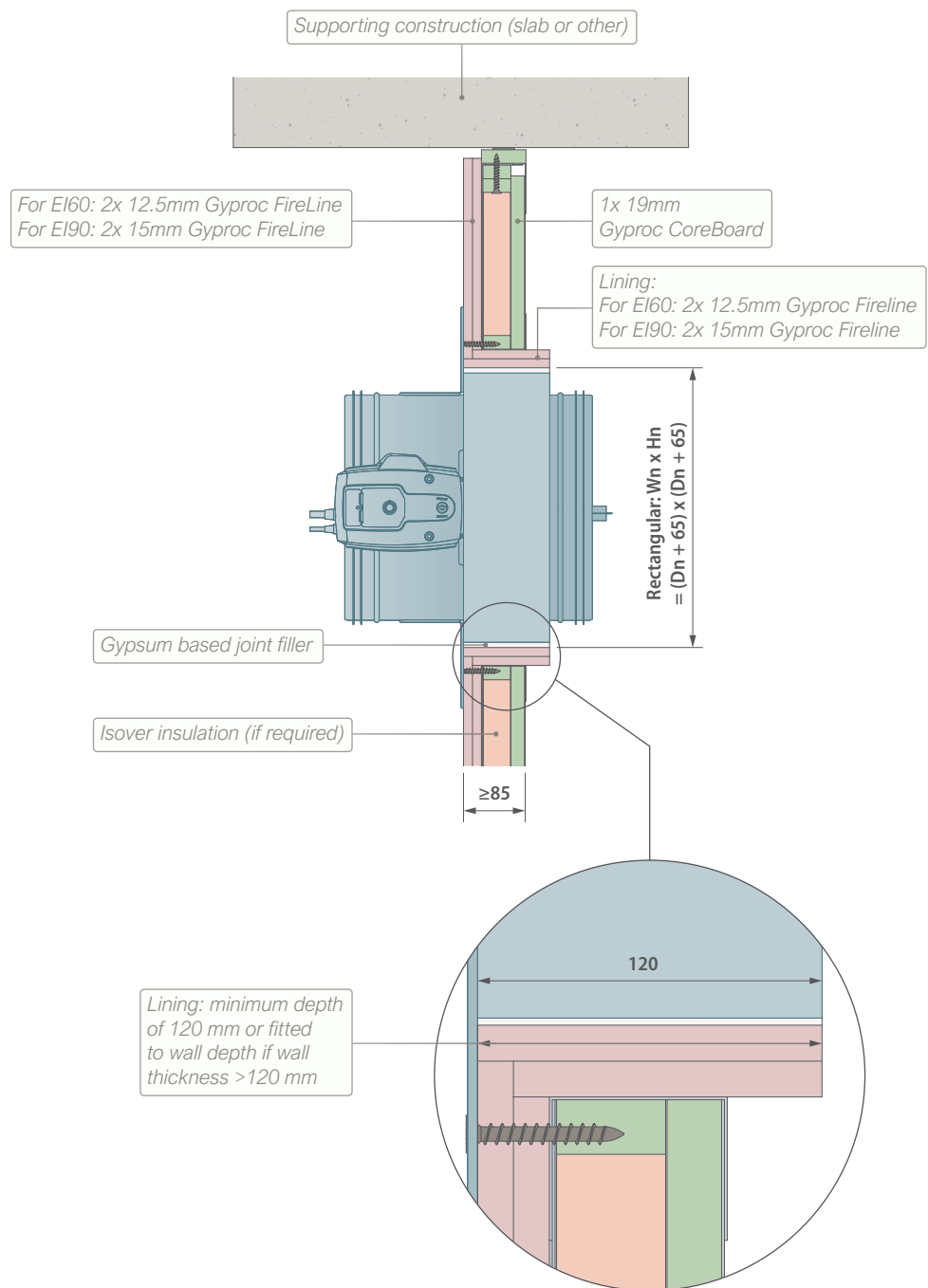


CR60 FIRE DAMPER



- Gypwall Shaft: build acc. to British Gypsum construction details.
- It is allowed to install the fire damper into a shaftwall of the same or greater thickness:
 - using Gyproc Fireline MR board
 - using thicker or additional layers of plasterboard
 - using 'I' studs of width 60 or more
- Opening in the wall can be between studs or bridging studs.
- Mind tolerances in the thickness of the British Gypsum Fireline boards when dimensioning the wall opening. Finished wall opening incl. lining to measure (Dn+65) x (Dn+65).



The presented drawings show the Gypwall Shaft system by British Gypsum. The installation detail with IFW installation block is also applicable to the Knauf Shaftwall system and the Siniat shaftwall system: Prepare a wall opening with lining acc. to the dimensions indicated in the presented drawings to fit the IFW installation block. For detailed shaftwall build-up specifications, please refer to the respective documentation of the wall manufacturer.

TECHNICAL FEATURES

- Damper range: ø100 till 315.
- Install the damper with the blade in horizontal position.



- Install with damper mechanism on the room/landing side.
- Gypwall Shaft: built acc. to British Gypsum construction details. Opening in the wall can be between studs or bridging studs, acc. to details British Gypsum. If the wall is fitted with a deflection head, install the fire damper below the deflection area.
- Mind tolerances in the thickness of the British Gypsum Fireline boards when dimensioning the finished wall opening. Finished wall opening incl. lining to measure (Dn+65) x (Dn+65). Dimensions of the IFW installation block are (Dn+60) x (Dn+60).
- 1 damper per wall opening – keep a distance of minimum 200 mm between 2 dampers (measured from damper tunnel to damper tunnel) and/or 75 mm between a damper and a nearby supporting construction (measured from the damper tunnel).
- For this particular installation detail, the CR120 fire damper can be used as an alternative to the CR60 fire damper. Classification and detailing remains unchanged.
- To be read in conjunction with the CR60 Fire Damper Technical Datasheet.
- Guidelines acc. to DW144/145 (not required for CE):
 - 1 installation lug is included by default. A 2nd lug, as shown in the drawings, is available upon request.
 - Provide appropriate break-away / flexible joint between fire damper and connecting ductwork on both sides of the assembly (DW145: Breakaway and flexible joints should incorporate materials, fixings, clamps, etc. that are manufactured from non-fire-resistant material with a low melting point such as aluminium, plastic etc.)
 - Provide space to access the internal components of a damper through an adjacent ductwork opening.
 - Supports to the connecting ductwork should be provided in accordance with the requirements of BESA Specification DW/144.
- Dimensions in mm unless otherwise stated.

TECHNICAL DATASHEET



INSPECTION AND HANDOVER CHECK LIST



PLAN TITLE

CR60 fire damper in a CoreBoard shaftwall.
Installation detail with IFW installation block.

CLASSIFICATION

EI 60/90 (ve i↔o)S



REV
B

DATE
21/10/2025



Rf-Technologies