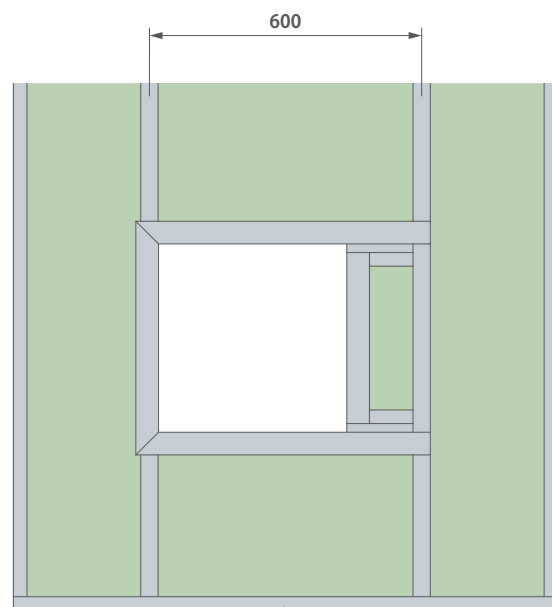
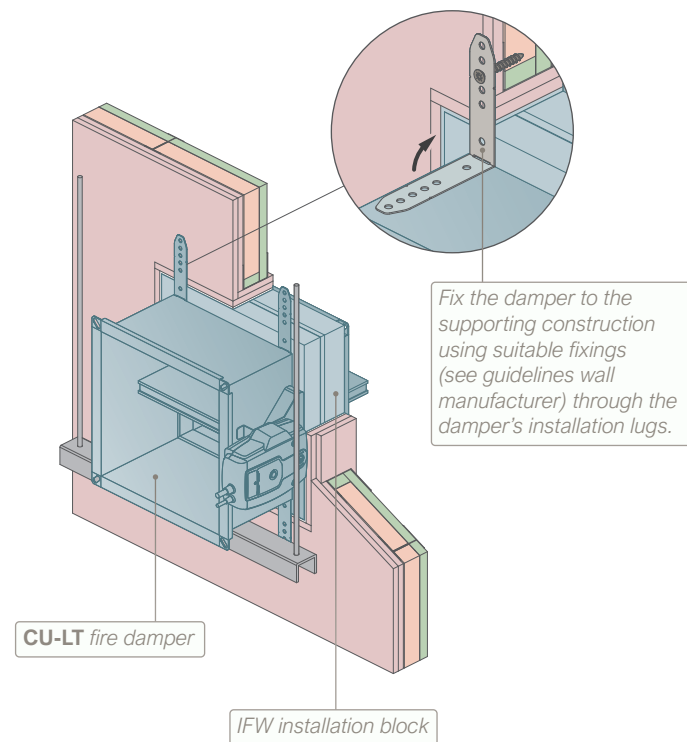
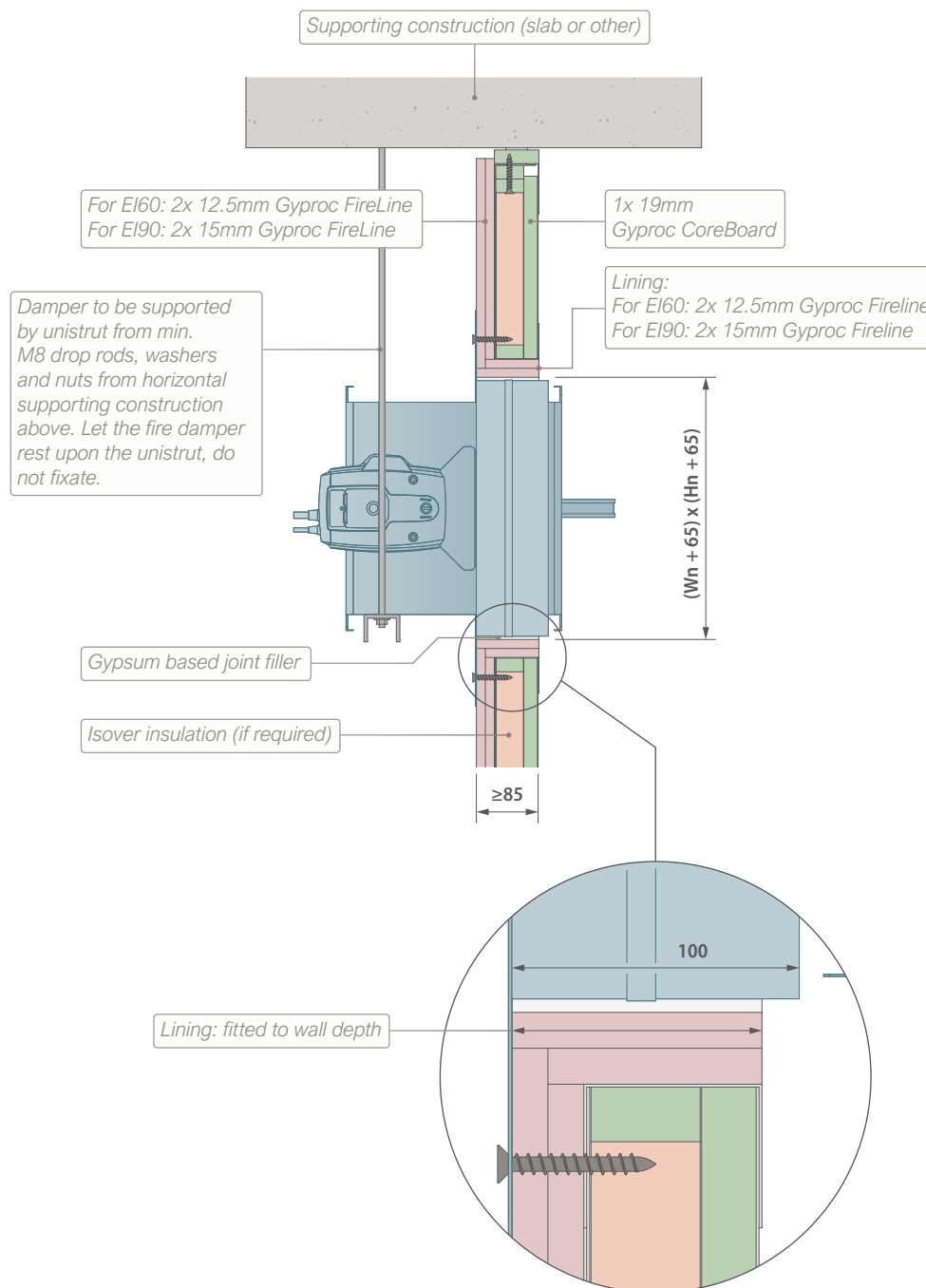


CU-LT FIRE DAMPER



Suspension of the fire damper acc. to DW145 guidelines. Dimension suspension system acc. to weight and required fire resistance. Suspension is not required for CE certification.

- *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 (WxH): 200x100 till 800x600.
- 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 $(W_n+65) \times (H_n+65)$. Dimensions of the IFW installation block are $(W_n+60) \times (H_n+60)$.
- 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).
- To be read in conjunction with the CU-LT Fire Damper Technical Datasheet.
- Guidelines acc. to DW144/145 (not required for CE):
 - Installation lugs as shown in the drawings are 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. Rf-T can provide an inspection opening on the damper body upon request (option UL).
 - 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

CU-LT fire damper in a CoreBoard shaftwall.
Installation detail with IFW installation block.

CLASSIFICATION

El 60/90 (ve $i \leftrightarrow o$)S

REV B	DATE 21/10/2025	 Rf-Technologies
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