CU-LT FIRE DAMPER Fix the damper to the Fire rated acrylic sealant to be supporting construction applied on the IFW installation usina suitable fixinas block before installation in the (see guidelines wall wall opening (for ex. Soudal manufacturer) through the Firecryl FR). Finish the sealing damper's installation lugs. by neatly smoothing the joints. (Wn+65) x (Hn+65)

CLT wall

Supporting construction

(CLT slab or other)

Wn+130

≥100

Provide appropriate

break-away / flexible joint between fire damper and connecting ductwork on

both sides of the assembly

IFW installation block

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CU-LT fire damper

1 or 2 dampers can be installed

at close distance from the slab

and/or from each other, either in a 4-sided or in a 3-sided opening. If in a 3-sided opening: only applicable if no deflection

of the supporting construction

above is to be expected.

TECHNICAL FEATURES

- Damper range (WxH): 200x100 till 800x600.
- Damper can be installed with blade in vertical or horizontal position



- Damper can be installed with mechanism on either side of the wall (independent of fire side).
- It is allowed to create the wall opening on site if not provided from
- Finished wall opening to measure (Wn+65) x (Hn+65). Dimensions of the IFW installation block are (Wn+60) x (Hn+60).
- If the opening is oversized, it is allowed to introduce a lining of max. 1 plasterboard type F/GM-F.
- · A max. of 2 fire dampers can be installed at tested minimal distances from an adjacent horizontal (supporting) construction.



- To be read in conjunction with the CU-LT Fire Damper installation
- Guidelines acc. to DW144/145 (not required for CE certification):
 - Installation lugs as shown in the drawings are available upon
 - 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 nonfire-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.

INSTALLATION MANUAL

INSPECTION AND HANDOVER CHECK LIST





PLAN TITLE

CU-LT fire damper in a CLT wall. Installation detail with IFW installation block. **PAGE** 1/1

CLASSIFICATION

El 60/90 (ve i←→o)S

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DATE 04/11/2025

