CR60 FIRE DAMPER Fire rated acrylic sealant to be Fix the damper to the applied on the IFW installation supporting construction block before installation in the using suitable fixings wall opening (for ex. Soudal (see guidelines wall Firecryl FR). Finish the sealing manufacturer) through the by neatly smoothing the joints. damper's installation lugs. + 65 (Dn+65) x (Dn+65)

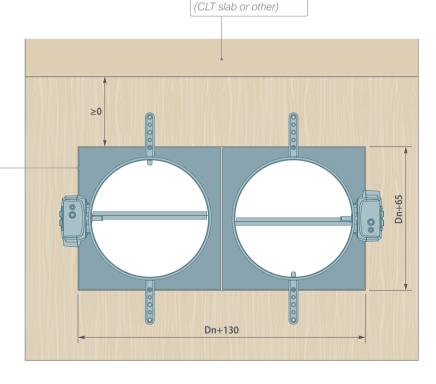
IFW installation block

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.

Dn + 65

Dn

CR60 fire damper



Supporting construction

CLT wall

≥100

Provide appropriate

break-away / flexible joint between fire damper and

connecting ductwork on

both sides of the assembly

TECHNICAL FEATURES

- Damper range: ø100 till 315.
- Damper can be installed with blade in any 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 (Dn+65) x (Dn+65). Dimensions of the IFW installation block are (Dn+60) x (Dn+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 CR60 Fire Damper installation
- Guidelines acc. to DW144/145 (not required for CE certification):
 - 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 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.
 - 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

CR60 fire damper in a CLT wall. Installation detail with IFW installation block.

18/11/2025

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CLASSIFICATION

El 60 (ve i+→o)S

SKIC€

REV DATE

Rf-Technologies