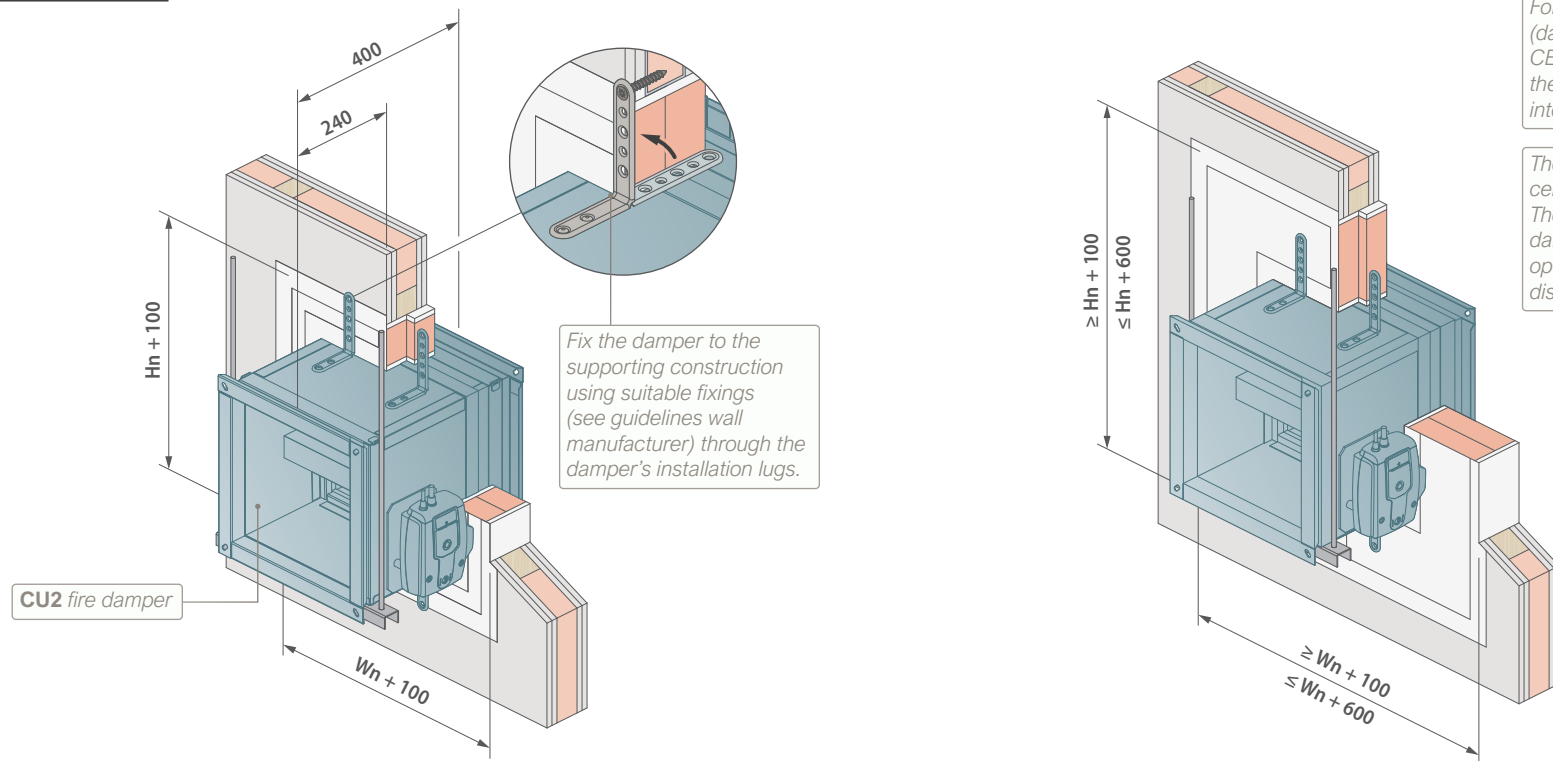


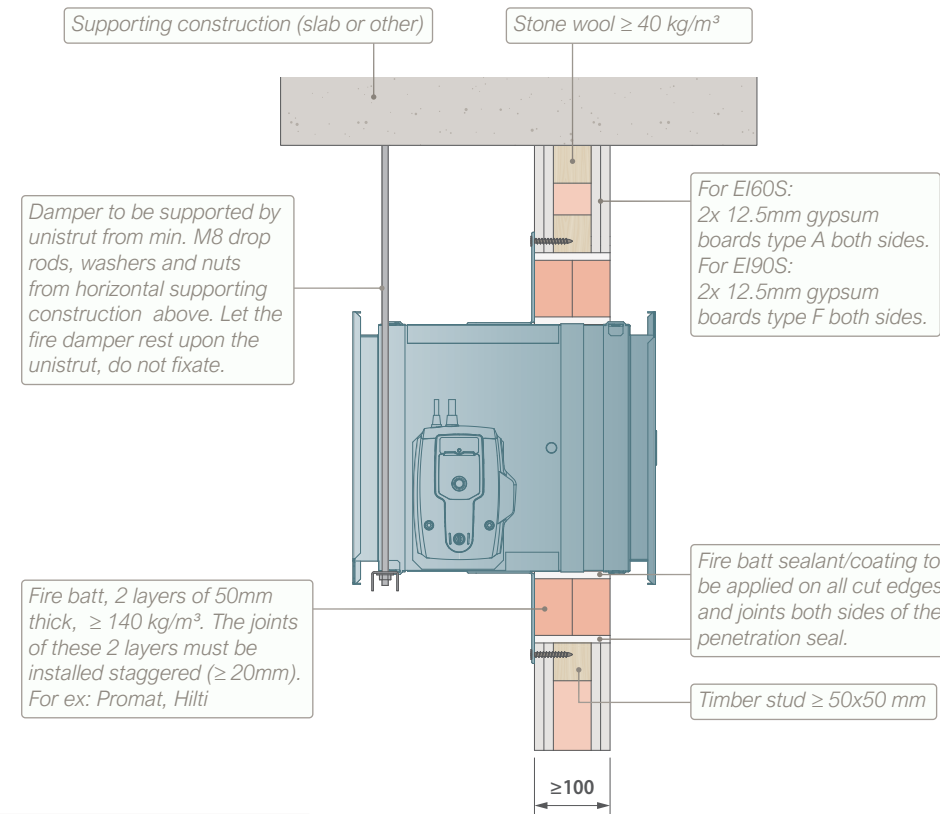
CU2 FIRE DAMPER



Fix the damper to the supporting construction using suitable fixings (see guidelines wall manufacturer) through the damper's installation lugs.

For larger wall openings (damper Wn/Hn + max. 600), CE certification is valid without the installation lugs being fixed into the supporting construction.

*The damper doesn't need to be centred in the opening.
The max. distance between the damper and the edge of the opening is 300 mm, the min. distance 50 mm.*



Damper to be supported by unistrut from min. M8 drop rods, washers and nuts from horizontal supporting construction above. Let the fire damper rest upon the unistrut, do not fixate.

For EI60S:
2x 12.5mm gypsum
boards type A both sides.
For EI90S:
2x 12.5mm gypsum
boards type F both sides.

Fire batt, 2 layers of 50mm thick, $\geq 140 \text{ kg/m}^3$. The joints of these 2 layers must be installed staggered ($\geq 20\text{mm}$). For ex: Promat, Hilti

Fire batt sealant/coating to be applied on all cut edges and joints both sides of the penetration seal.

Timber stud $\geq 50 \times 50$ mm

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.

4-sided opening: the partition can support a deflection head without affecting the installation detail or classification of the fire damper.

Provide appropriate break-away / flexible joint between fire damper and connecting ductwork on both sides of the assembly

TECHNICAL FEATURES

- Damper range (WxH): 200x200 till 1500x1000.
- Damper can be installed with the blade in horizontal position.



- Damper can be installed with mechanism on either side of the wall (independent of fire side).
- Please consult with the fire batt manufacturer for appropriate sealant/ coating.
- To be read in conjunction with the CU2 Fire Damper Installation manual.
- Guidelines acc. to DW144/145 (not required for CE certification):
 - 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.

INSTALLATION MANUAL



INSPECTION AND HANDOVER CHECK LIST



PLAN TITLE

CU2 fire damper in a timber flexible supporting construction.
Installation detail with fire batt.

PAGE

1/1

CLASSIFICATION

El 60/90 (ve i↔o)S



REV

A

DATE _____

07/07/2026



Rf-Technologies