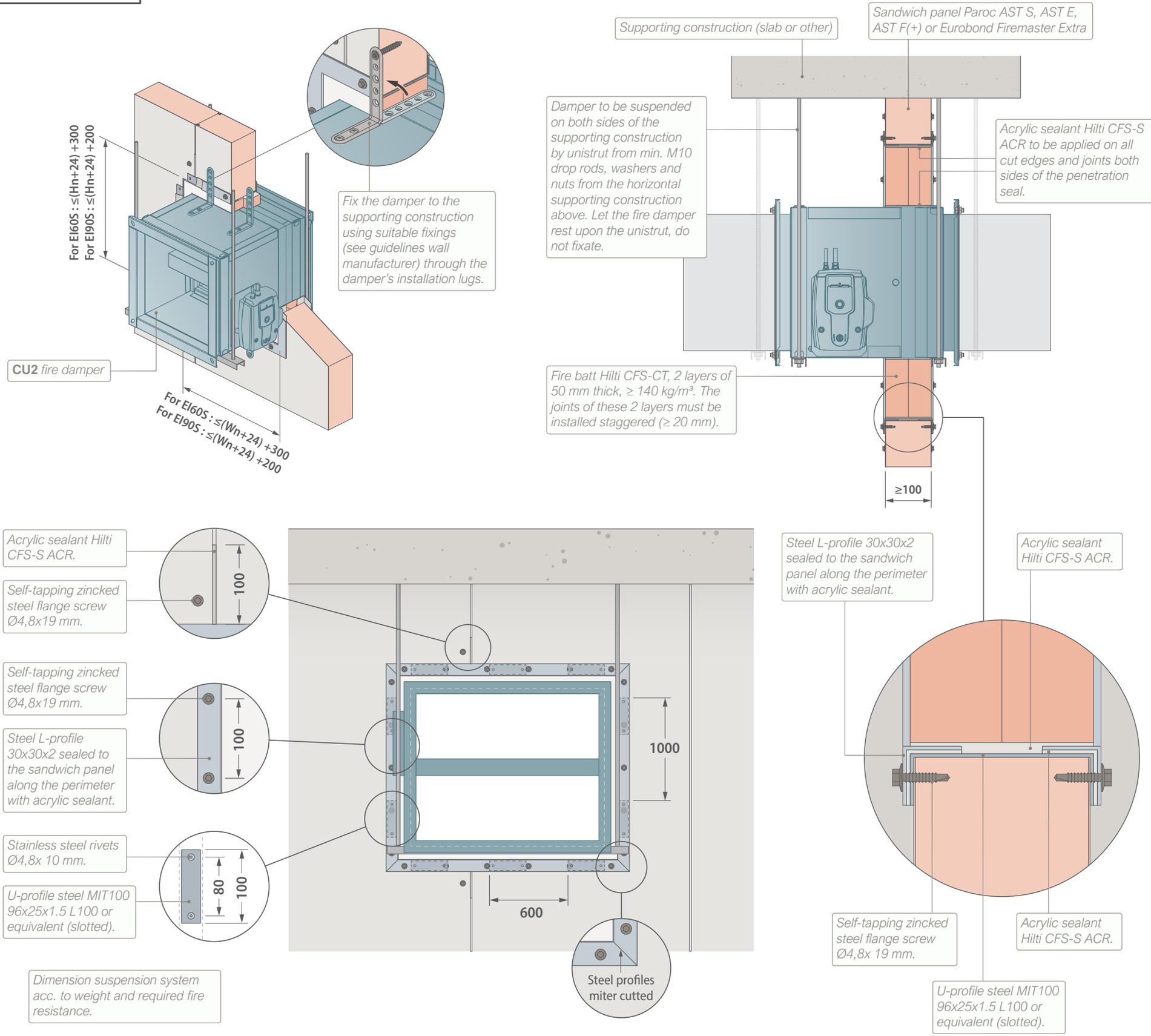


CU2 FIRE DAMPER



TECHNICAL FEATURES

- Damper range (Wn x Hn): 200x200 till 1500x1000.
 - Outside dimension damper tunnel : (Wn+24)x(Hn+24)
 - Damper can be installed with 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.
 - A max. of 2x2 fire dampers can be installed at tested minimal distances – see separate installation details.
 - To be read in conjunction with the CU2 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: eg socket & spigot or flanged with appropriate fixings eg plastic cleats, clips, clamps, bolts, aluminium alloy rivets etc.).
 - Provide a panel in the adjacent ductwork to allow access to the internal components of the fire damper. Rf-T can provide an inspection opening on the damper body upon request (option UL).
 - Ductwork must be independently supported and installed (DW144).
 - Dimensions in mm unless otherwise stated.
 - Sandwich panel thickness ≥ 100mm, covering 100, 120, 125, 150, 175, 200, 240 and 300mm.

TECHNICAL DATASHEET



INSPECTION AND HANDOVER CHECK LIST



PLAN TITLE

CU2 fire damper in sandwich wall panel.
Installation detail with fire batt.

CLASSIFICATION

EI 60/90 (ve i → o)S



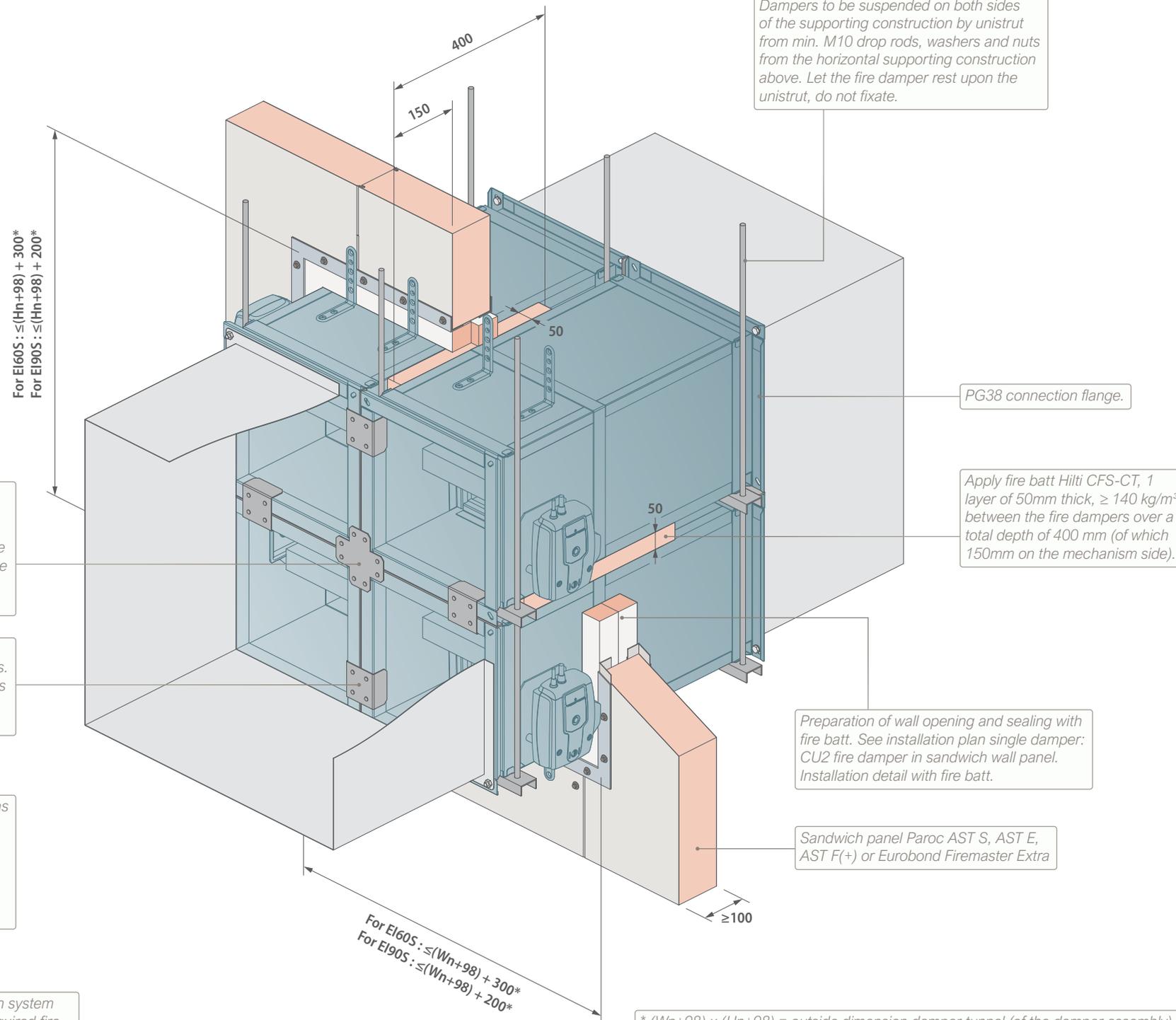
REV
A

DATE
26/11/2024



CU2 FIRE DAMPER ASSEMBLY

Max. 4 CU2 fire dampers with max. dimensions 1500x1000 mm to be connected to 1 single duct.
Order details: please consult Rf-Technologies.



Connection piece for battery assembly of 4 dampers fixed with 8 self-drilling screws. To be installed both sides of the damper tunnel. (supplied by Rf-t)

Connection piece fixed with 4 self-drilling screws. To be installed both sides of the damper tunnel. (supplied by Rf-t)

Following configurations are also possible:



Dimension suspension system acc. to weight and required fire resistance.

Dampers to be suspended on both sides of the supporting construction by unistrut from min. M10 drop rods, washers and nuts from the horizontal supporting construction above. Let the fire damper rest upon the unistrut, do not fixate.

PG38 connection flange.

Apply fire batt Hilti CFS-CT, 1 layer of 50mm thick, $\geq 140 \text{ kg/m}^3$ between the fire dampers over a total depth of 400 mm (of which 150mm on the mechanism side).

Preparation of wall opening and sealing with fire batt. See installation plan single damper: CU2 fire damper in sandwich wall panel. Installation detail with fire batt.

Sandwich panel Paroc AST S, AST E, AST F(+) or Eurobond Firemaster Extra

* $(Wn+98) \times (Hn+98)$ = outside dimension damper tunnel (of the damper assembly).
200/300 = max total opening between damper tunnel and wall.

TECHNICAL FEATURES

- Damper range (single damper) (Wn x Hn): 200x200 till 1500x1000.
- Outside dimension tunnel (single damper): $(Wn+24) \times (Hn+24)$
- Damper can be installed with 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.
- A max. of 2x2 fire dampers can be installed at tested minimal distances.
- To be read in conjunction with the CU2 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: eg socket & spigot or flanged with appropriate fixings eg plastic cleats, clips, clamps, bolts, aluminium alloy rivets etc.).
 - Provide a panel in the adjacent ductwork to allow access to the internal components of the fire damper. Rf-T can provide an inspection opening on the damper body upon request (option UL).
 - Ductwork must be independently supported and installed (DW144).
- Dimensions in mm unless otherwise stated.
- Sandwich panel thickness ≥ 100 mm, covering 100, 120, 125, 150, 175, 200, 240 and 300mm.

TECHNICAL DATASHEET



INSPECTION AND HANDOVER CHECK LIST



PLAN TITLE

CU2 fire damper assembly in sandwich wall panel for large duct sizes. Installation detail with fire batt.

CLASSIFICATION

EI 60/90 (ve i↔o)S



REV
A

DATE
26/11/2024

Rf-t
Rf-Technologies