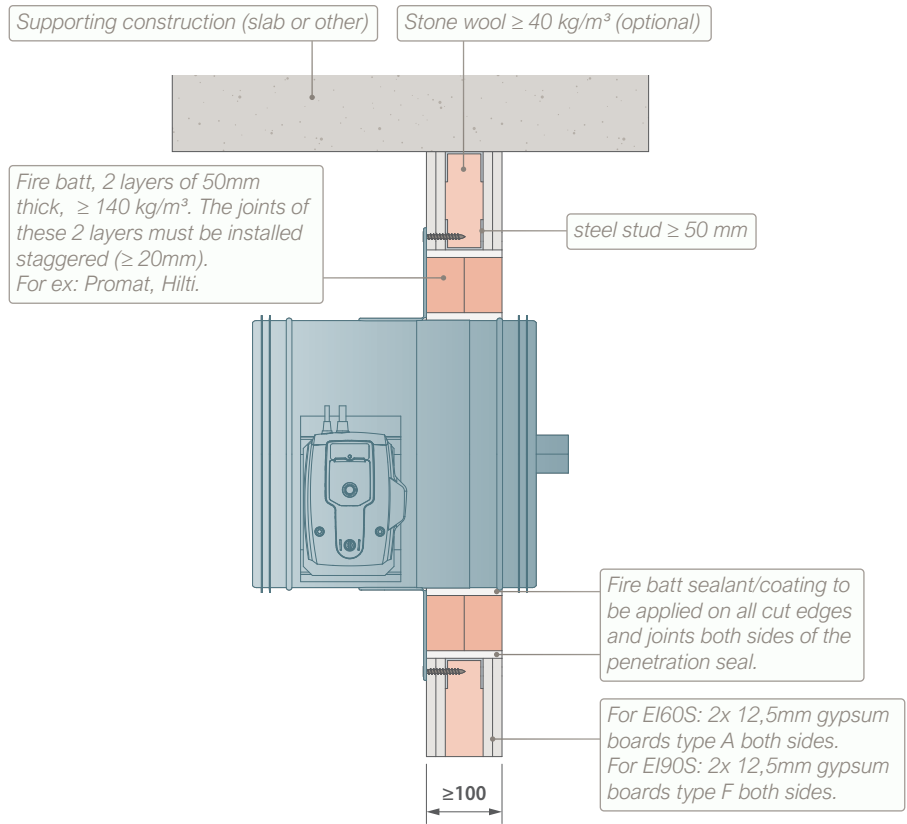
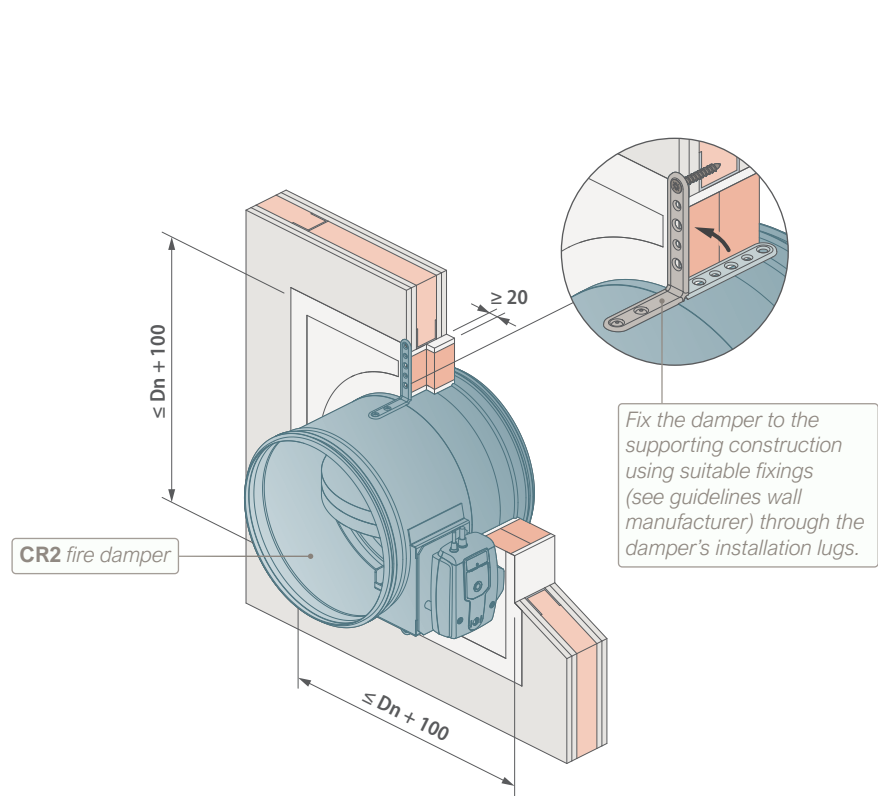
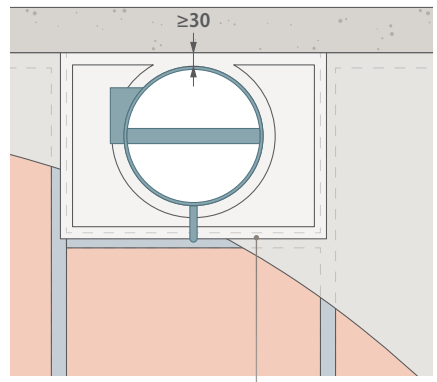


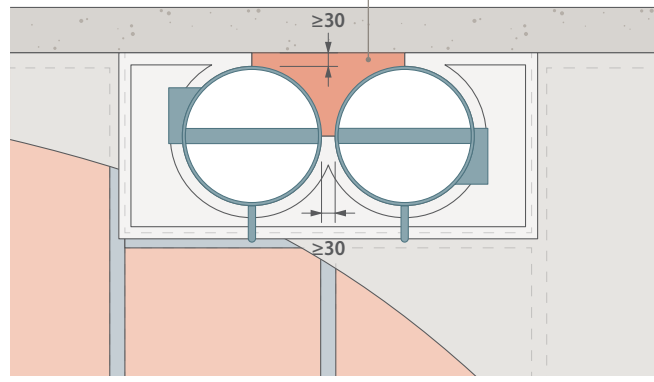
**CR2 FIRE DAMPER**



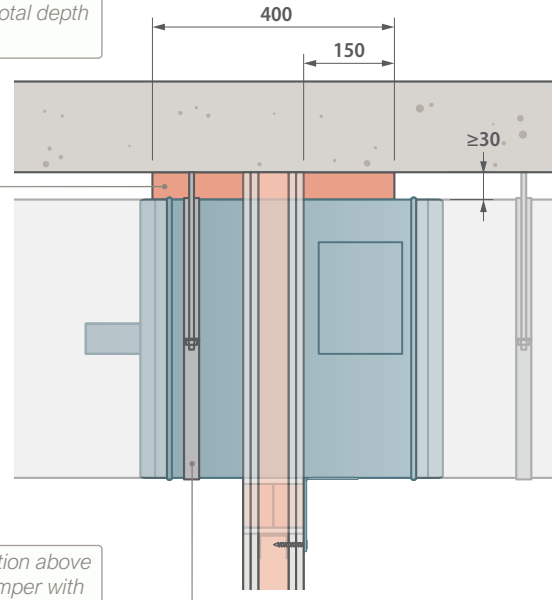
If 2 dampers close to each other:  
If distance from damper tunnel to damper tunnel  $\geq 30$  and  $< 200$  mm and if distance from damper tunnels to horizontal supporting construction  $\geq 30$  and  $< 75$  mm: apply fire batt (density min.  $150\text{kg/m}^3$ ) between fire dampers and horizontal supporting construction over a total depth of 400 mm. Not required to coat the fire batt nor use coated fire batt.



If 1 single damper: apply 2 layers of fire batt as shown above.

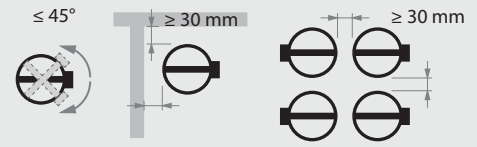


If not possible to fix the lug to the vertical supporting construction above the damper due to space constraints, order the CR2-L500 damper with elongated tunnel and suspend the damper from min. M8 drop rod from the horizontal supporting construction. Dimension suspension system acc. to weight and required fire resistance.



**TECHNICAL FEATURES**

- Damper range:  $\varnothing 200$  till 630.
- 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).
- Please consult with the fire batt manufacturer for appropriate sealant/coating
- For larger wall openings. See CR2 Fire Damper Technical Datasheet.
- A max. of 4 fire dampers can be installed at tested minimal distances from an adjacent horizontal or vertical (supporting) construction or another fire damper. Blade horizontal or max.  $45^\circ$ . See detailed guidelines in the CR2 Technical Datasheet.



- To be read in conjunction with the CR2 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.
  - Ductwork must be independently supported and installed (DW144).
- Dimensions in mm unless otherwise stated.

**TECHNICAL DATASHEET**



**INSPECTION AND HANDOVER CHECK LIST**



**PLAN TITLE**

CR2 fire damper in flexible supporting construction. Installation detail with fire batt.

**CLASSIFICATION**

EI 60/90 (ve i↔o)S

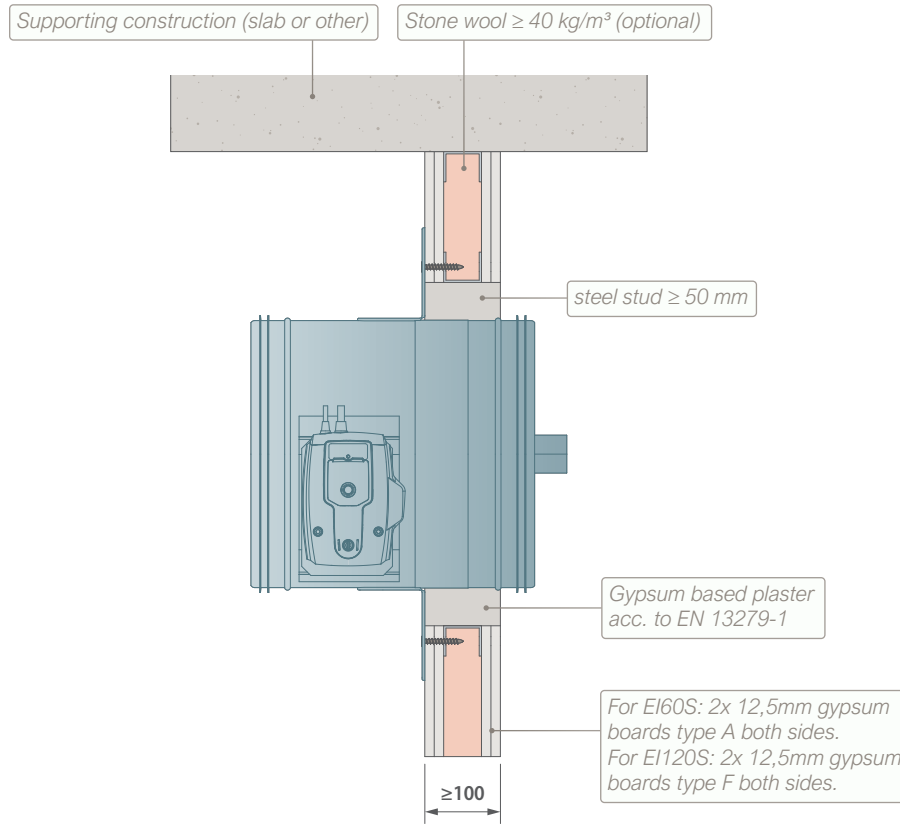
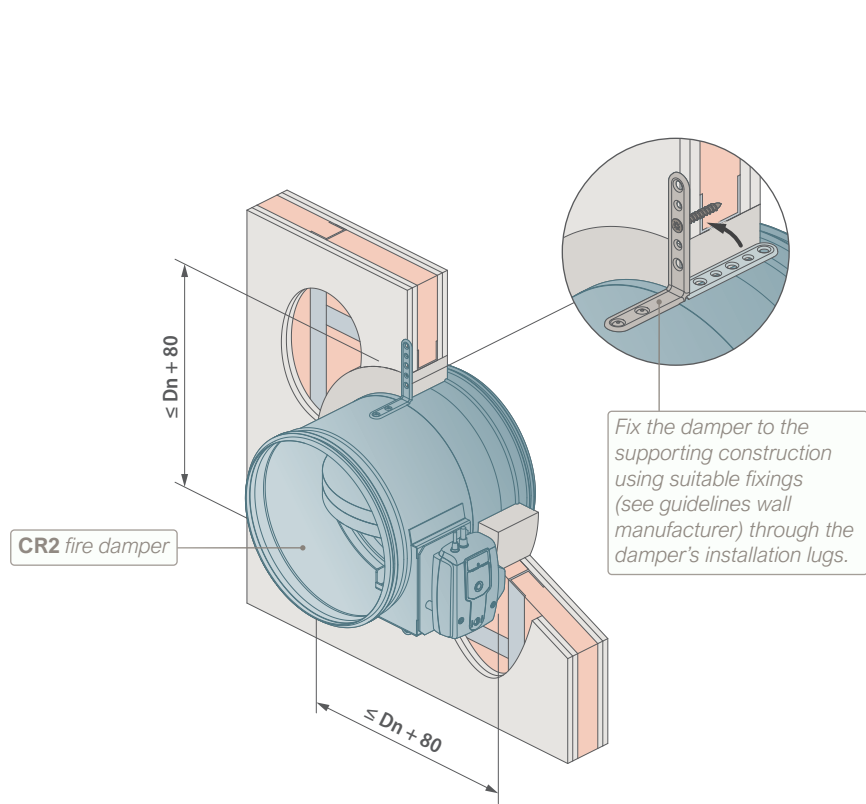


**REV**  
A

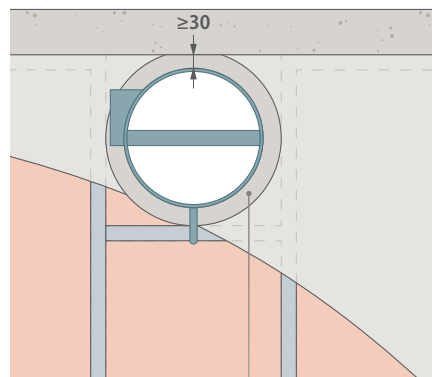
**DATE**  
22/12/2023



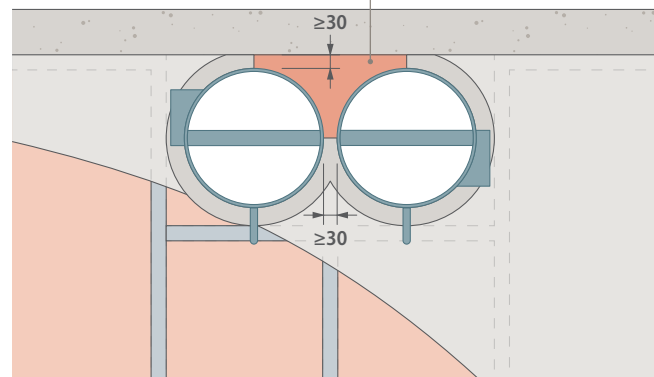
**CR2 FIRE DAMPER**



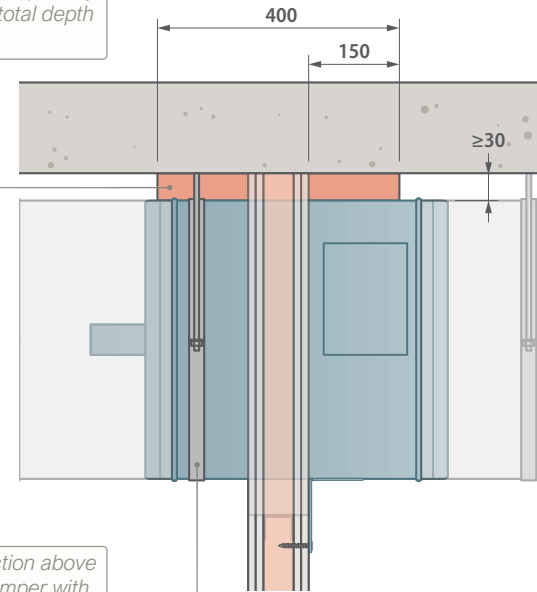
If 2 dampers close to each other:  
If distance from damper tunnel to damper tunnel  $\ge 30$  and  $< 200\text{ mm}$  and if distance from damper tunnels to horizontal supporting construction  $\ge 30$  and  $< 75\text{ mm}$ : apply fire batt (density min.  $150\text{kg/m}^3$ ) between fire dampers and horizontal supporting construction over a total depth of  $400\text{ mm}$ . Not required to coat the fire batt nor use coated fire batt.



If 1 single damper: apply gypsum based plaster as shown above.



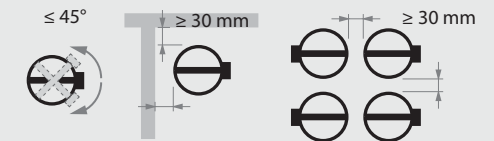
If not possible to fix the lug to the vertical supporting construction above the damper due to space constraints, order the CR2-L500 damper with elongated tunnel and suspend the damper from min. M8 drop rod from the horizontal supporting construction. Dimension suspension system acc. to weight and required fire resistance.



**TECHNICAL FEATURES**

- Damper range:  $\varnothing 200$  till  $630$ .
- 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).
- A max. of 4 fire dampers can be installed at tested minimal distances from an adjacent horizontal or vertical (supporting) construction or another fire damper. Blade horizontal or max.  $45^\circ$ . See detailed guidelines in the CR2 Technical Datasheet.

360°



- To be read in conjunction with the CR2 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.
  - Ductwork must be independently supported and installed (DW144).
- Dimensions in mm unless otherwise stated.

**TECHNICAL DATASHEET**



**INSPECTION AND HANDOVER CHECK LIST**



**PLAN TITLE**

CR2 fire damper in flexible supporting construction  
Installation detail with gypsum based plaster.

**CLASSIFICATION**

EI 60/120 (ve i↔o)S



**REV**  
A

**DATE**  
22/12/2023

