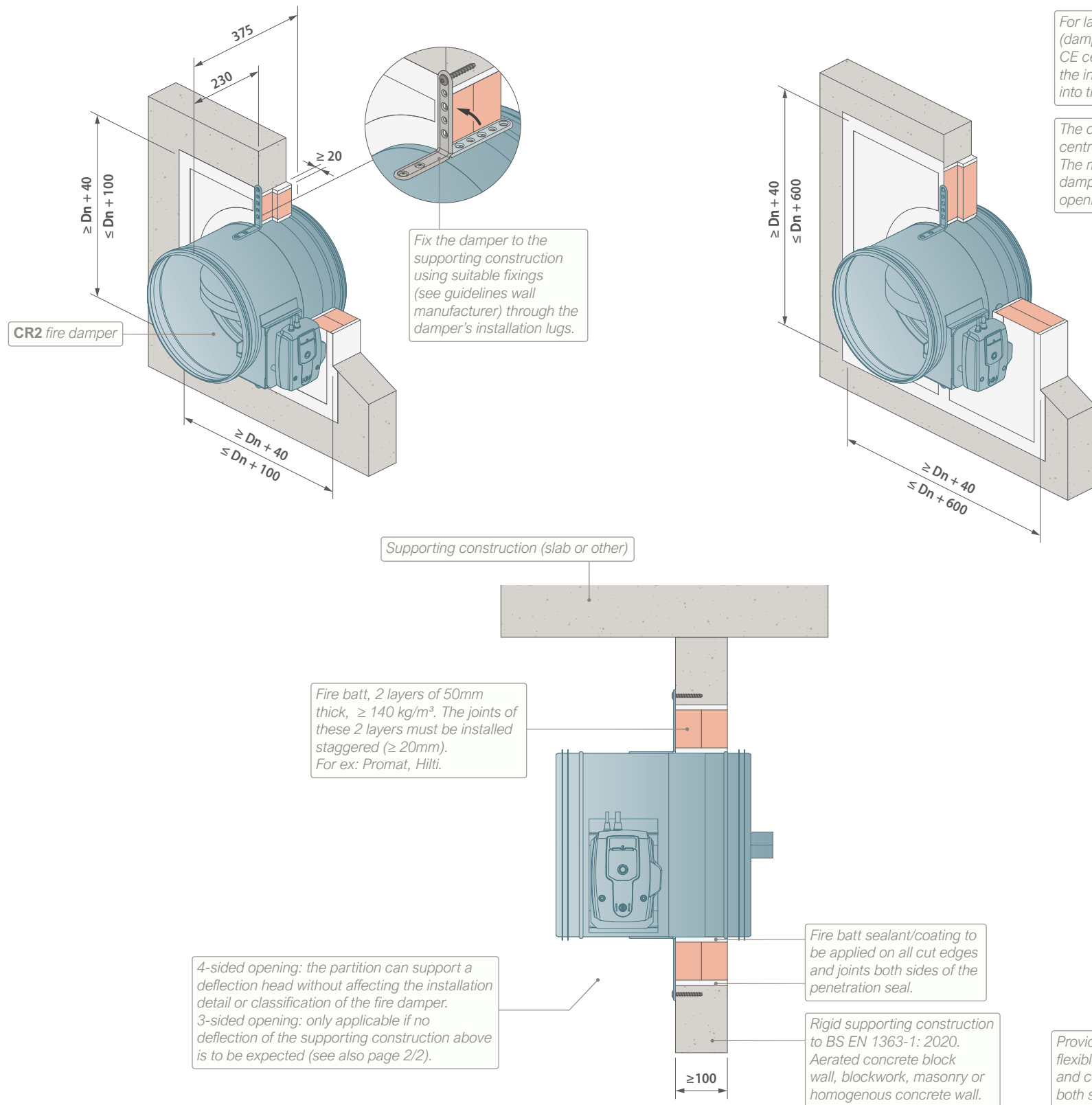


CR2 FIRE DAMPER

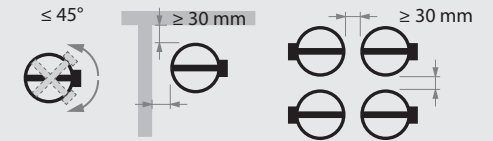


TECHNICAL FEATURES

- Damper range: ø200 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
- More info on larger wall openings. See CR2 Fire Damper Installation manual.
- 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°. See detailed guidelines in the CR2 Installation manual.



- To be read in conjunction with the CR2 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.
 - 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

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

PAGE

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CLASSIFICATION

El 90 (ve i↔o)S



REV

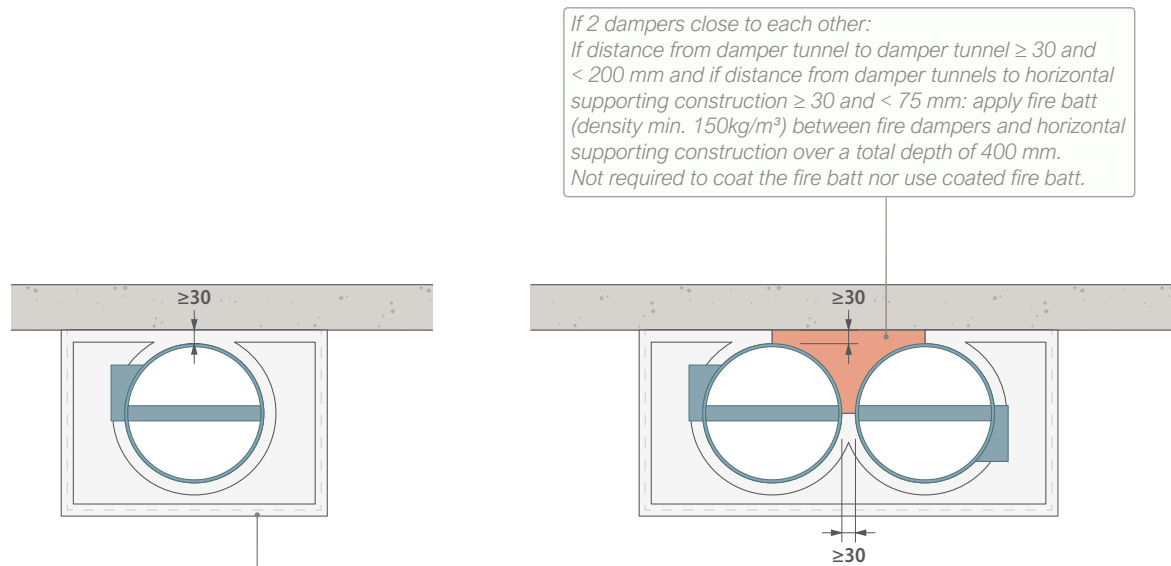
B

DATE _____

11/12/2025



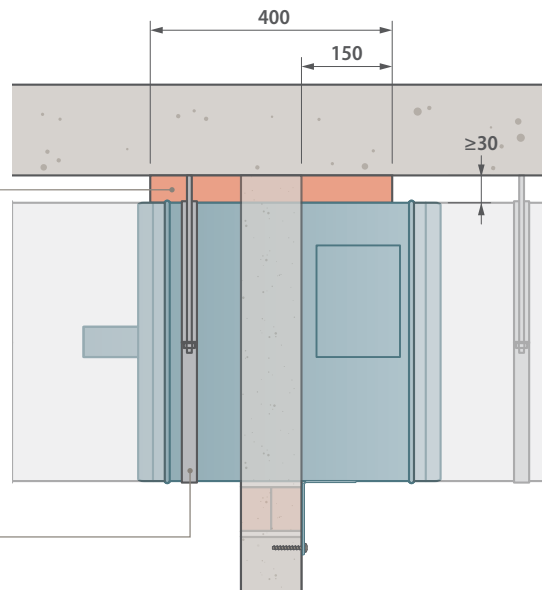
Rf-Technologies



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

*If 2 dampers close to each other:
If distance from damper tunnel to damper tunnel ≥ 30 and < 200 mm and if distance from damper tunnels to horizontal supporting construction ≥ 30 and < 75 mm: apply fire batt (density min. 150kg/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 not possible to fix the lug to the vertical supporting construction above the damper due to space constraints, suspend the damper from min. M8 drop rod from the horizontal supporting construction. 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.



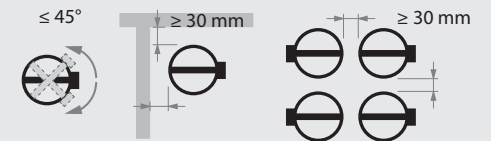
3-sided opening: only applicable if no deflection of the supporting construction above is to be expected.

TECHNICAL FEATURES

- Damper range: ø200 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
- More info on larger wall openings. See CR2 Fire Damper Installation manual.
- 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°. See detailed guidelines in the CR2 Installation manual.



- To be read in conjunction with the CR2 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.
 - 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

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

PAGE

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CLASSIFICATION

El 90 (ve i↔o)S



REV

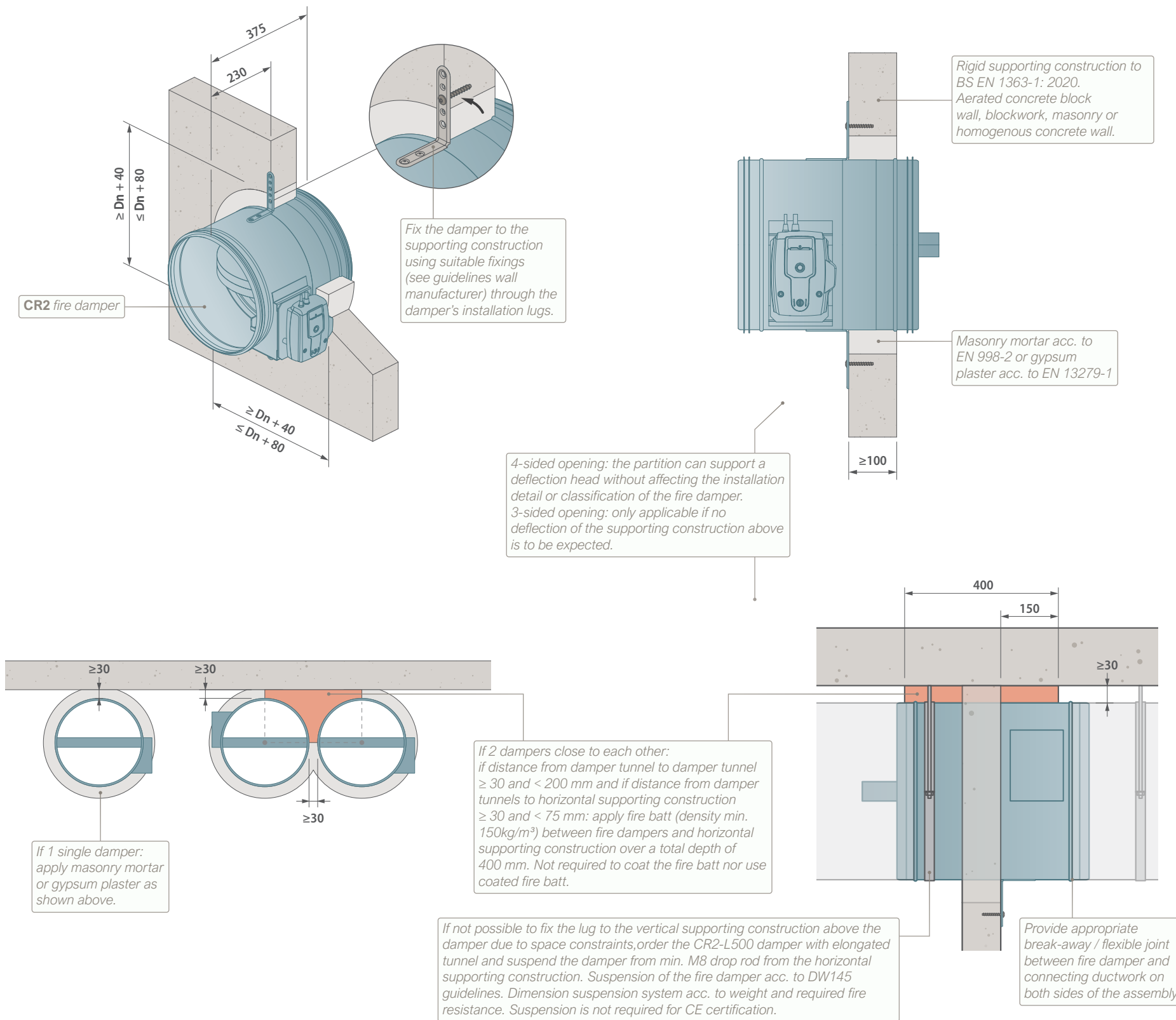
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Rf-Technologies



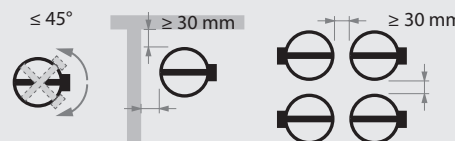
TECHNICAL FEATURES

- Damper range: ø200 till 630.
- Damper can be installed with blade in any position.

360°



- 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°.
- See detailed guidelines in the CR2 Installation manual.



- To be read in conjunction with the CR2 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.
 - 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

CR2 fire damper in rigid supporting construction
Installation detail with mortar or gypsum plaster.

PAGE

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CLASSIFICATION

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REV

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Rf-Technologies