

Supporting construction (slab or other)

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.

4-sided opening: the partition can support a deflection head without affecting the installation detail or classification of the fire damper.  
3-sided opening: only applicable if no deflection of the supporting construction above is to be expected (see also page 2/2).

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

Rigid supporting construction to BS EN 1363-1: 2020. Aerated concrete block wall, blockwork, masonry or homogenous concrete wall.

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

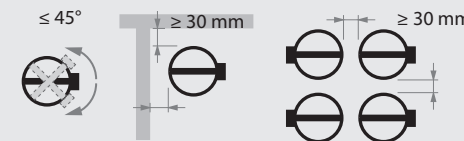
TECHNICAL FEATURES

- Damper range:  $\varnothing 100$  till 315.
- 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).
  - Please consult with the fire batt manufacturer for appropriate sealant/coating
  - More info on larger wall openings. See CR60 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 CR60 Installation manual.



- To be read in conjunction with the CR60 Fire Damper Installation manual.
- 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 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

CR60 fire damper in rigid supporting construction.  
Installation detail with fire batt.

PAGE

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CLASSIFICATION

EI 60/90 (ve i↔o)S



REV

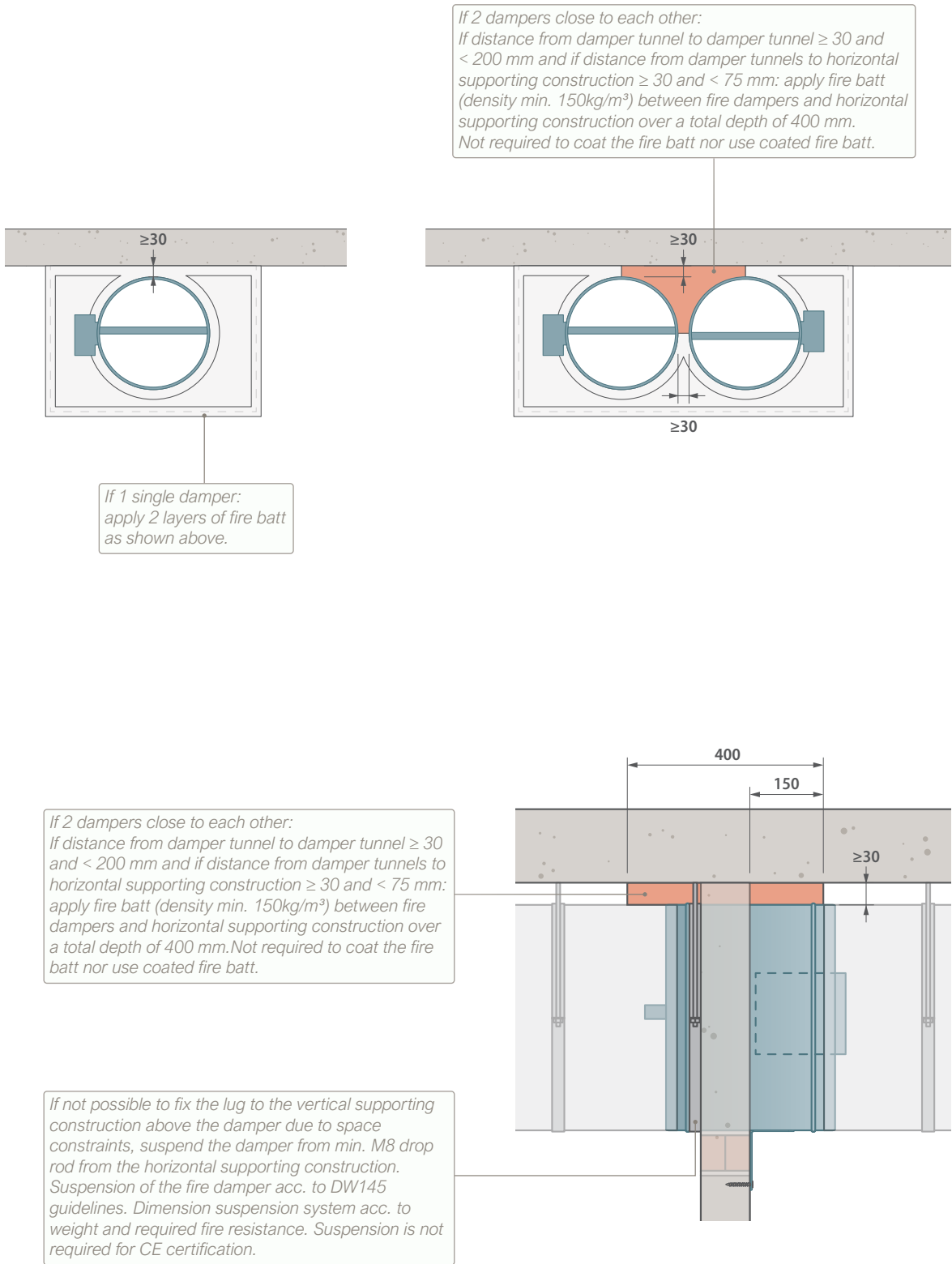
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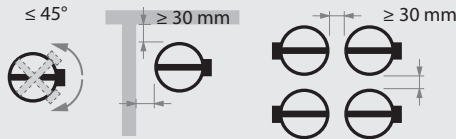


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TECHNICAL FEATURES

- Damper range:  $\varnothing 100$  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).
- Please consult with the fire batt manufacturer for appropriate sealant/ coating
- More info on larger wall openings. See CR60 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.  $45^\circ$ . See detailed guidelines in the CR60 Installation manual.



- To be read in conjunction with the CR60 Fire Damper Installation manual.
- 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 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



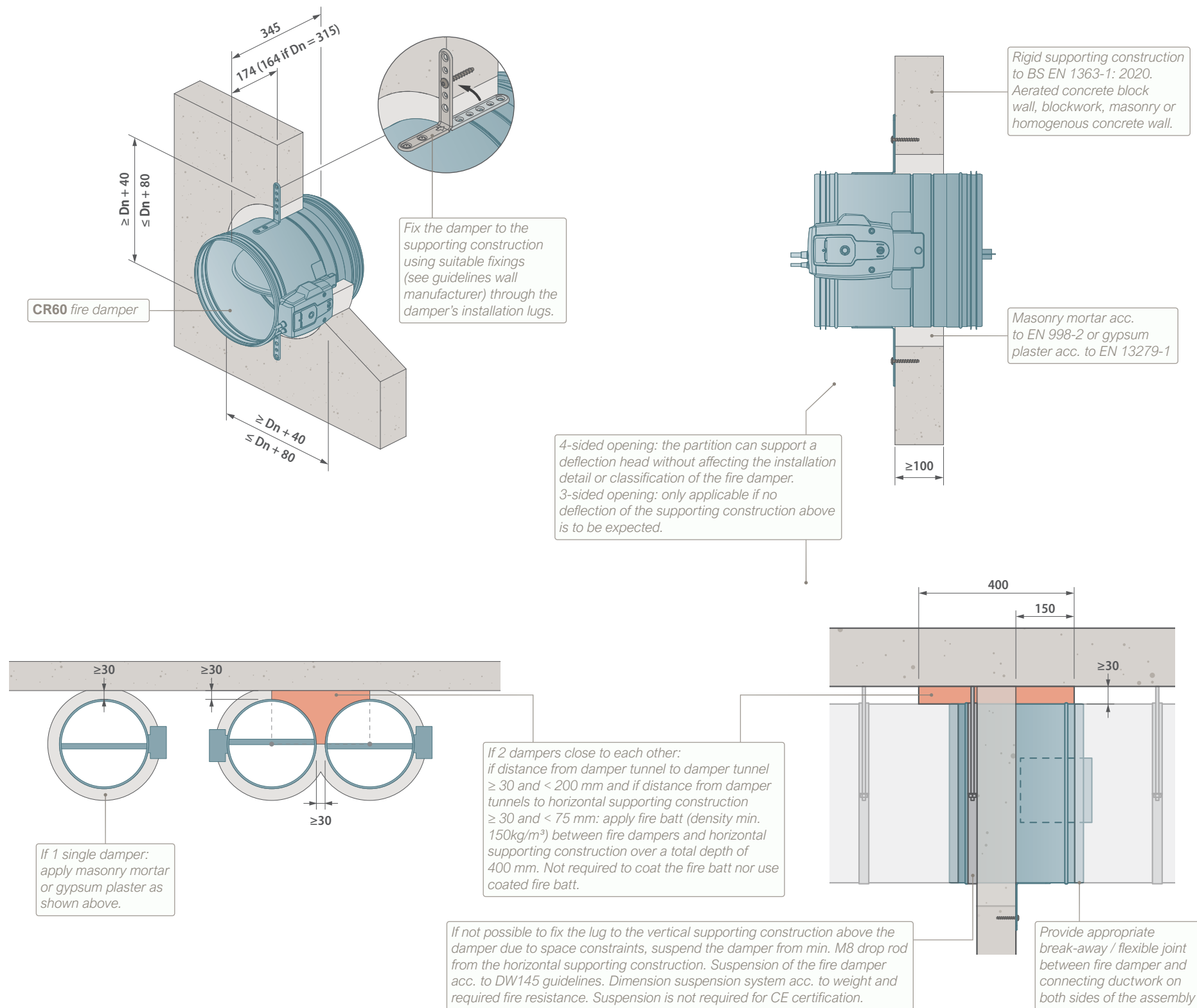
INSPECTION AND HANDOVER CHECK LIST



PLAN TITLE	PAGE
CR60 fire damper in rigid supporting construction. Installation detail with fire batt.	2/2

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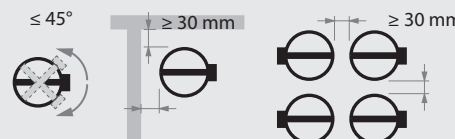
TECHNICAL FEATURES

- Damper range: ø100 till 315.
- 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 CR60 Installation manual.



- To be read in conjunction with the CR60 Fire Damper Installation manual.
- 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 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

CR60 fire damper in rigid supporting construction  
Installation detail with mortar or gypsum plaster.

PAGE

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CLASSIFICATION

EI 60/90 (ve i↔o)S



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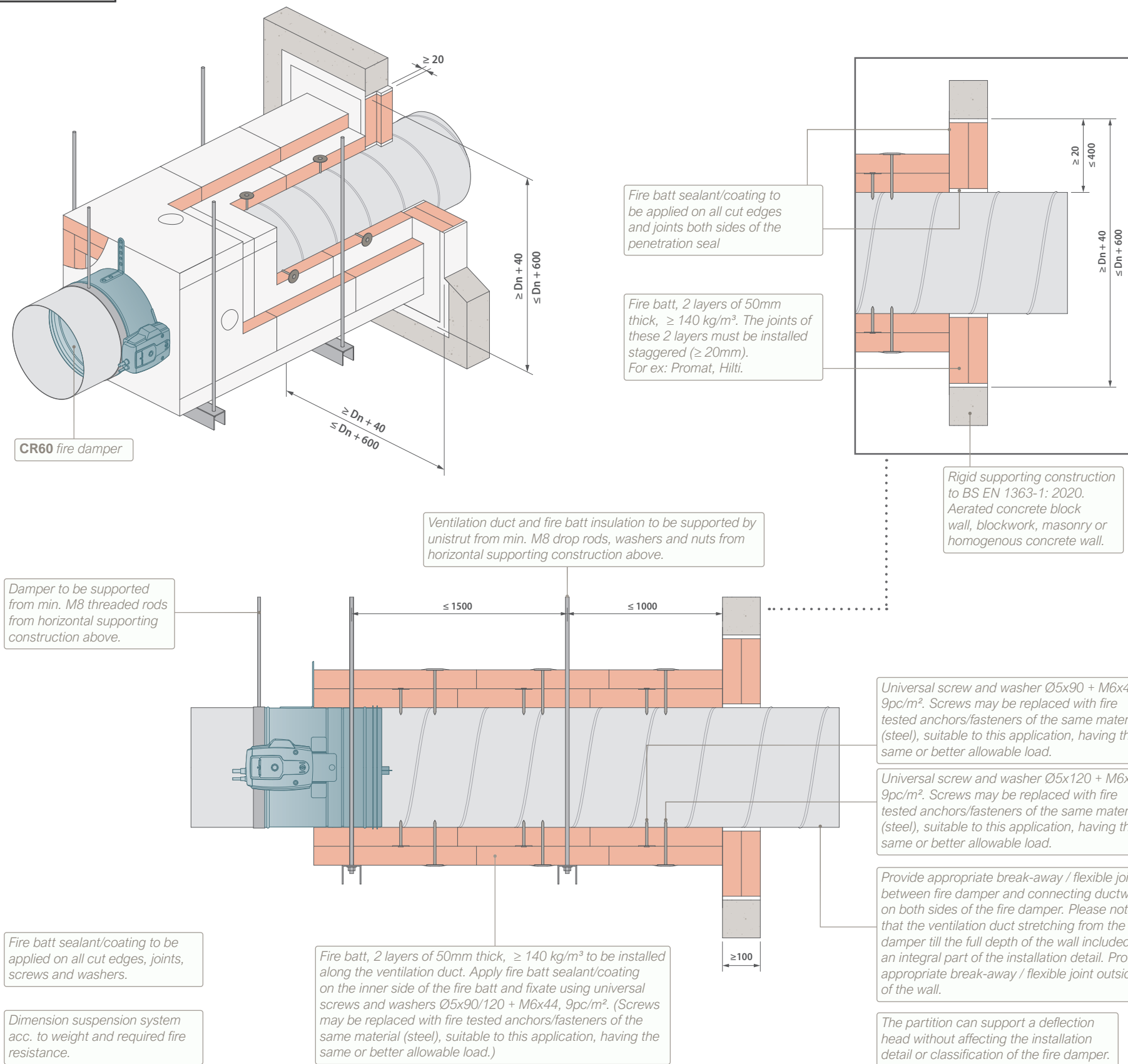
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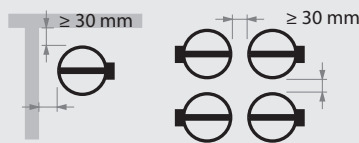


TECHNICAL FEATURES

- Damper range:  $\text{Ø}100$  till 315.
- Install the damper with the blade in horizontal position.



- Damper can be installed with mechanism on either side of the wall (independent of fire side).
- Based on our CE certification, the damper may be installed remote from wall at any distance.
- Please consult with the fire batt manufacturer for appropriate sealant/coating.
- 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. Install with damper blade in horizontal position. See detailed guidelines in the CR60 Installation manual.



- To be read in conjunction with the CR60 Fire Damper Installation manual.
- 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 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

CR60 fire damper remote from a rigid supporting construction  
Installation detail with fire batt

PAGE

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CLASSIFICATION

EI 60/90 (ve i-→o)S



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