



APPLICATION:

Conduit Through Rigid Floor

ID:

**SL-GA:
SP-RF-E-02**

INFORMATION:

- Not to scale
- All units are in millimetres
- Tested according EN 1366-3
- [Approval ETA - 20-1234](#)

CFS-SL GA

REV:

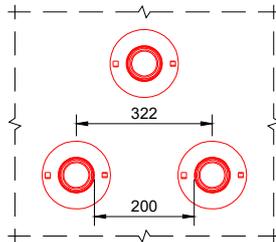
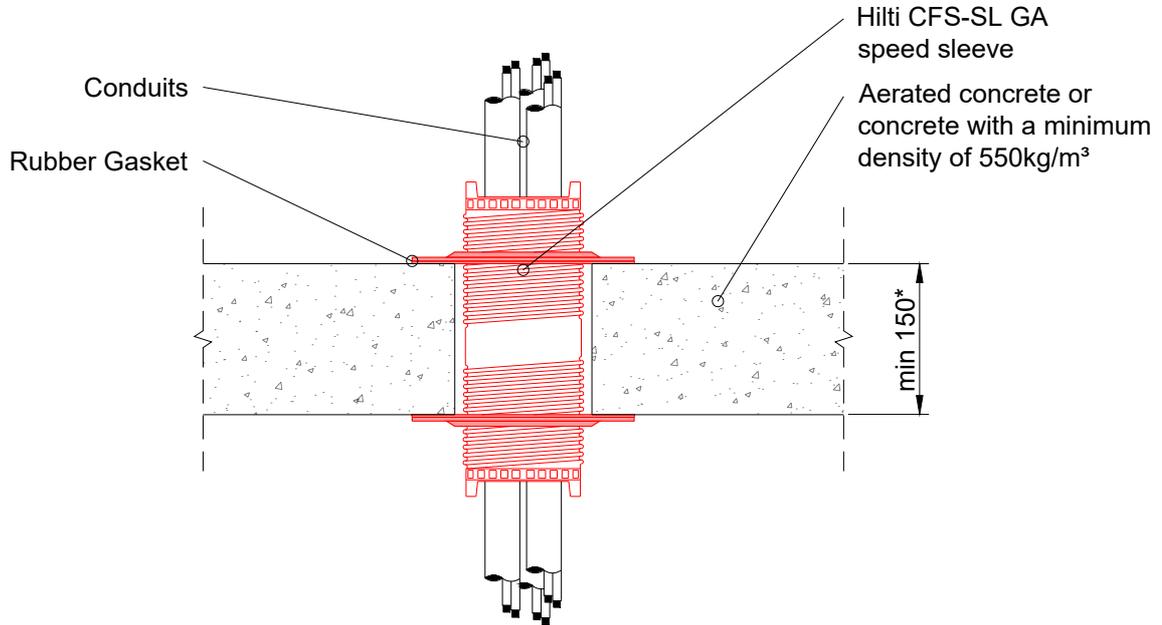
DATE:

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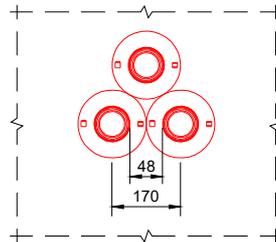
03/2025

Fire Rating up to EI 120

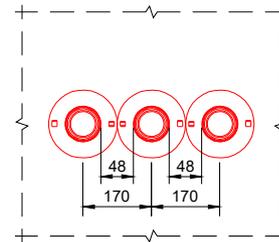
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200mm (horizontal/vertical distance between openings)



Zero distance (horizontal/vertical distance between flanges cluster)



Zero distance (horizontal/vertical distance between flanges linear)

Device	Opening Ø
CFS-SL GA S	63 - 73 mm
CFS-SL GA M/L	113 - 122 mm

Description	CFS-SL GA S	CFS-SL GA M/L
Conduits ≤ 25mm (CFS-SL GA S)	EI 120	-
Conduits ≤ 63mm (CFS-SL GA M/L)	-	EI 60 ⁶⁾
For higher Fire Classifications – increase distances between openings - 200mm:		
⁵⁾ All sheathed cables ≤ 50mm	-	EI 180
⁶⁾ Conduits ≤ 63mm (CFS-SL GA M/L)	-	EI 120

(*) **Floors:**

- Minimum thickness 150mm & maximum thickness 200mm (CFS-SL GA S/M)
- Minimum thickness 200mm & maximum thickness 300mm (CFS-SL GA L)
- Aerated concrete or concrete with a minimum density of 550kg/m³

1. The application limits on this detail are for guidance purposes only. For more detailed information based on the full range of available test results please contact the Hilti Technical Advisory Service.

2. The product and application has been assessed as a minimum to the BS 476 standard. It may have additional European and worldwide testing. Please contact Hilti for further information.

3. All installations should be carried out in accordance with Hilti's installation instructions and by competent & experienced installers using Hilti branded products.

4. All services are to be correctly and adequately supported to prevent collapse and distortion.

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