



APPLICATION:

Cables Through Rigid Floors

ID:

FIL:SP-RF-E-01

INFORMATION:

- Not to scale
- All units are in millimetres
- Tested according EN 1366-3
- Approval ETA-21/0256

Hilti CFS-FIL

REV:

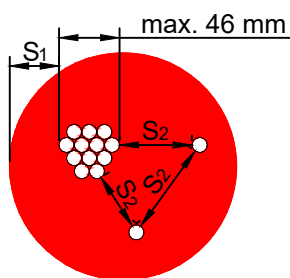
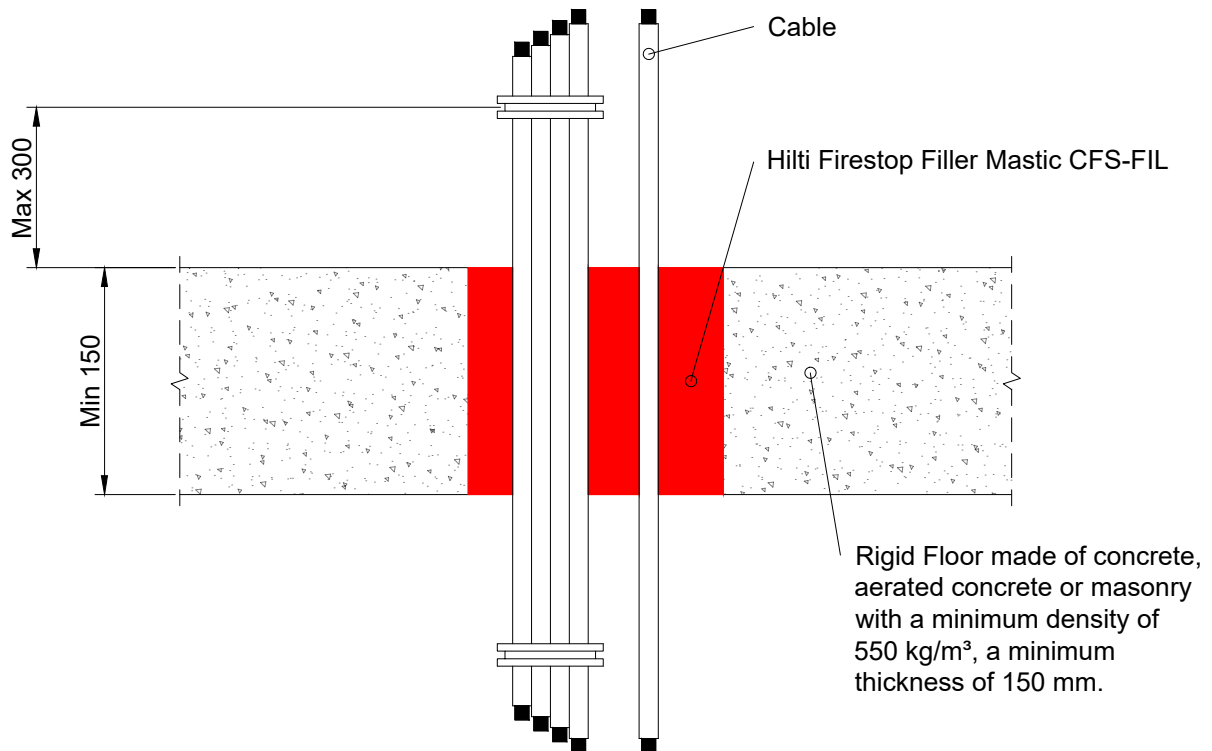
DATE:

01

03/2025

Fire Rating up to EI 120

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**Minimum distances between the services**

Single/multiple cable(s) to single/multiple cable(s)	$S_2 = 0$
Single/multiple cable(s) to edge of aperture	$S_1 = 0$

Minimum distances between the penetrations

Cable or multiple cable penetration and other services	200
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Cable type ²	Fire Class
single cable diameter up to Ø 21	EI 120
multiple cables (single cable diameter max. Ø 21 mm. small cables), up to a bundle of Ø 46 mm with zero distance between the cables	EI 120

² The total amount of cross sections of the cables (core and insulation) does not exceed 60% of the penetration area

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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