



APPLICATION:

Steel Cable Trunking Through Slab

ID:

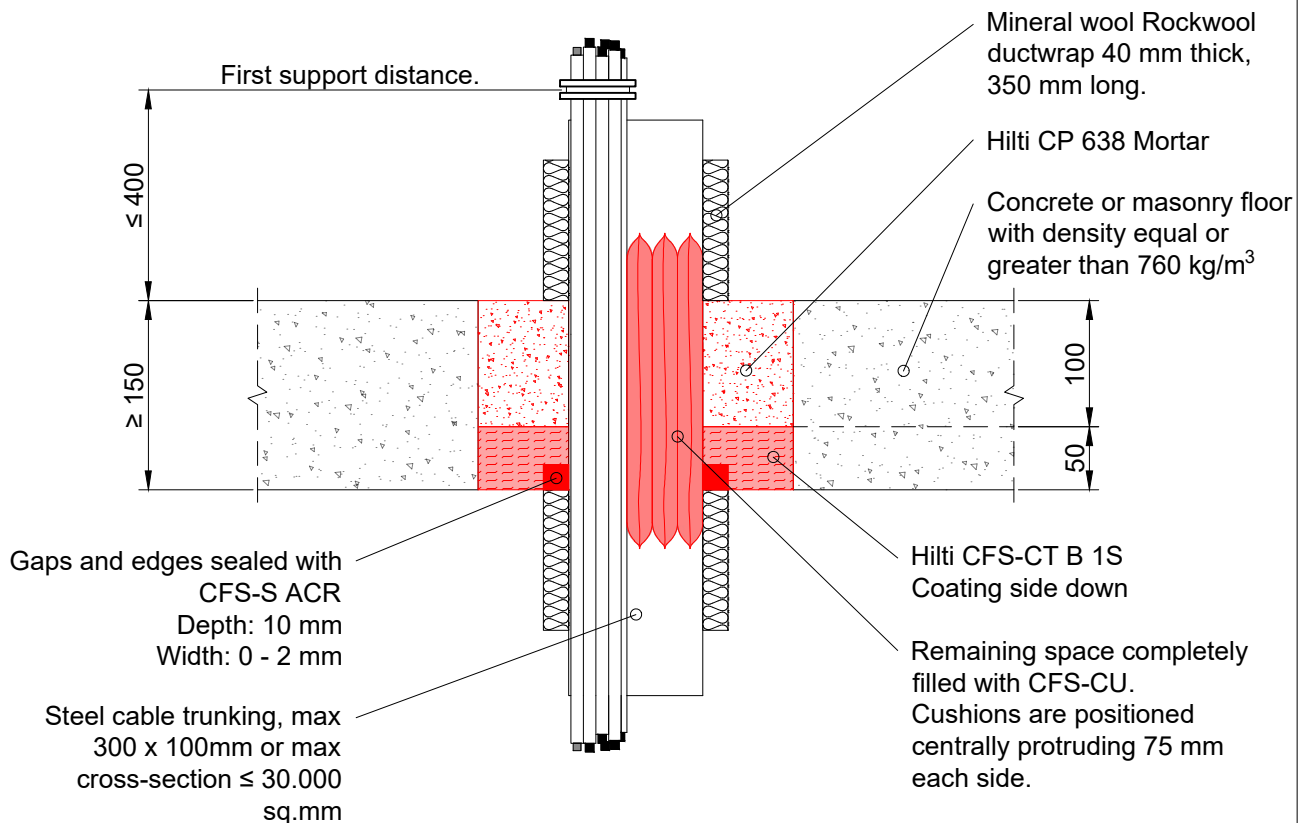
**CP638:
MP-RF-E-04****INFORMATION:**

- Not to scale
- All units are in millimetres
- Tested according EN 1366-3
- Classification Report 23003B

CP 638 Mortar + CFS-CU

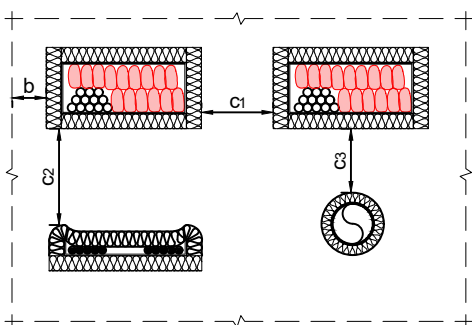
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01**05/2025****Fire Rating up to EI 120****Page 1/1**

Cable penetration, all cables currently and commonly used in building practice in Europe including optical fibre cables and non-sheathed cables (wires) fitting into the trunking may be used.

Penetrant group	Dimensions	Cable protection	Fire rating in mixed opening
All sheathed cables	≤ 80 mm	Rockwool DuctWrap, from both side of the floor. 40 mm thick, 350 mm long.	EI 120
Coaxial cables	≤ 28 mm		EI 120
Non-sheathed cables (wires)	≤ 24 mm		EI 120

**Spacing overview for mixed seals**

Description	Shortcut	Distance
To seal edge	b	≥ 0 mm
To other cables/trunkings sealed with CFS-CU	c ₁	≥ 25 mm
To cables/cables carriers sealed with CFS-IS	c ₂	≥ 25 mm
To any other services	c ₃	≥ 100 mm

Maximum opening size without additional support: 2000 x 1800 mm or reduced width, with up-to 10m length. See classification report for further details.

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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