



APPLICATION:

**Plastic Pipes Through Slab**

ID:

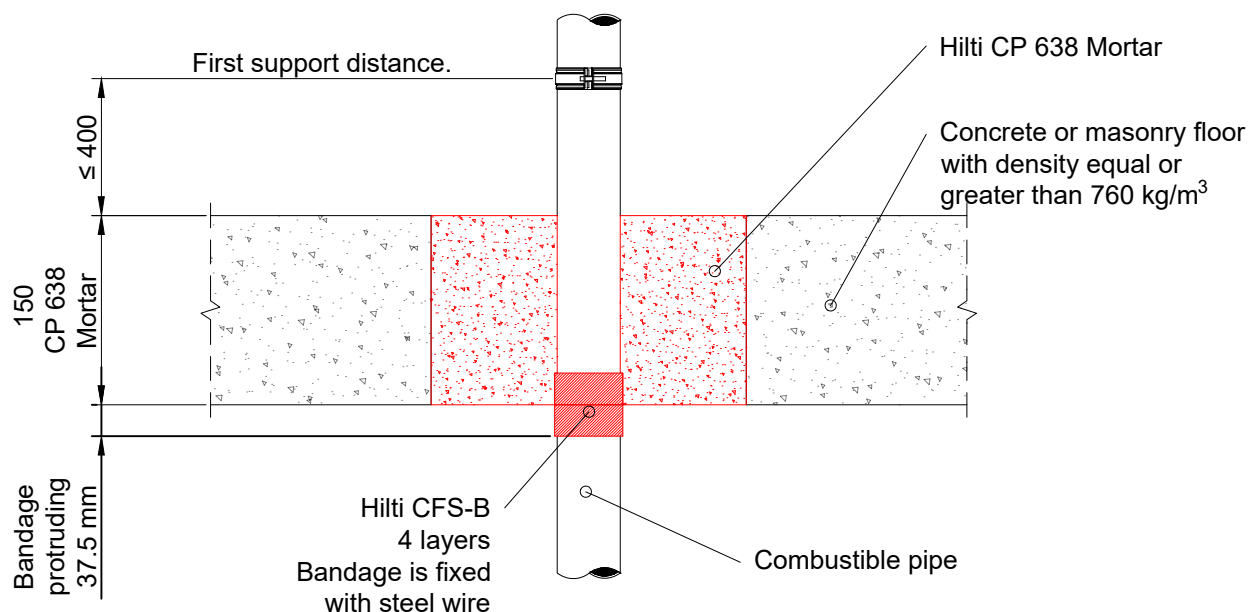
**CP638:  
MP-RF-M-07****INFORMATION:**

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

**CP 638 Mortar + CFS-B**

REV:

DATE:

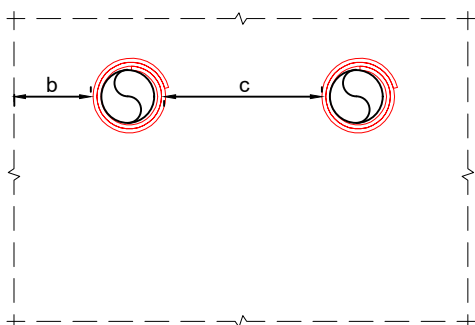
**01****05/2025****Fire Rating EI 180****Page 1/1**

PVC pipes in acc. EN 1329-1, EN 1453-1, EN 15493, EN 1452-2.  
ABS in acc. EN 1455-1 and EN 15493.

Number of layers	Diameter	Wall thickness	Fire rating as single and multiple service
4	50 to 110	1.5 to 2.2/6.6	EI 180-U/U

PE pipes in acc. EN 12201-2, EN 1519-1, EN 15494 and EN 12666-1

Number of layers	Diameter	Wall thickness	Fire rating as single and multiple service
4	40 to 110	3.0 to 4.2/10.5	EI 180-U/U

**Spacing overview for mixed seals**

Description	Shortcut	Distance
To seal edge	b	≥ 0 mm
To other pipes sealed with CFS-B in linear arrangement	c	≥ 0 mm

**Maximum opening size without additional support: 1200 x 600 mm**

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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