



APPLICATION:

Plastic Pipes in Flexible Wall th. ≥ 75 mm

ID:

**CFS-C EL:
FW/RW-M-01****INFORMATION:**

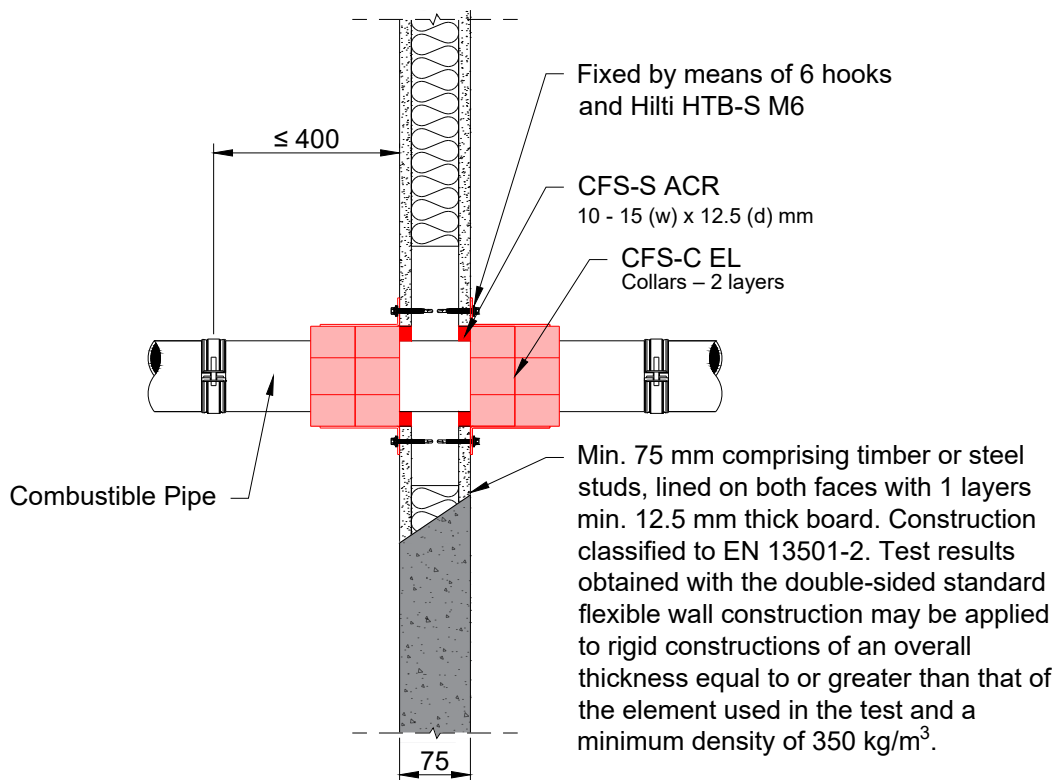
- Not to scale
- All units are in millimetres
- Tested according EN 1366-3
- Classification report
FIRES-CR-259-25-AUPE

CFS-C EL + CFS-S ACR

REV:

01

DATE:

11/2025**Fire Rating: EI 45 U/U - E 60 U/U****Page 1/1****Notes:**

- All services are passing through the penetration seals, perpendicular to the supporting construction.
- **Maximum distance to 1st rigid support: ≤ 400 mm**
- Distances between service openings > 10 mm
- Annular gap ≥ 10 mm to 15 mm

Pipe \varnothing	Pipe Wall Thickness	Classification
PVC pipes in acc. EN 1329-1, EN 1453-1, EN 15493, EN 1452-2. ABS in acc. EN 1455-1 and EN 15493.		
$\varnothing \leq 160$	4.7 to 9.5	EI 45 U/U - E 60 U/U
PE pipes in acc. EN 12201-2, EN 1519-1, EN 15494 and EN 12666-1		
$\varnothing \leq 160$	6.2 to 14.6	EI 60 U/U

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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