



APPLICATION:

Metal Pipe

ID:

CID:SP-RF-M-02

INFORMATION:

- Not to scale
- All units are in millimetres
- Tested according EN 1366-3
- [Approval ETA-20/1233](#)

CFS-CID Cast-in Collar

REV:

01

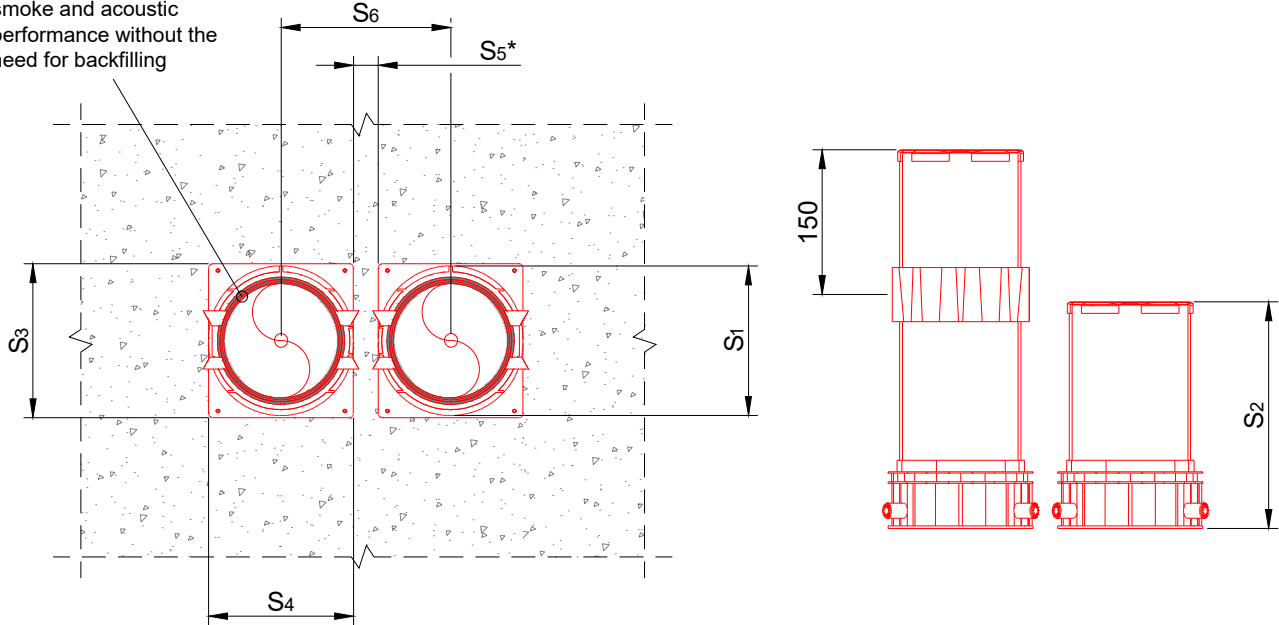
DATE:

10/2024

Fire Rating up to EI 180

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Rubber Gasket to achieve
smoke and acoustic
performance without the
need for backfilling



CFS-CID Type	S ₁ : Inner diameter	S ₂ : Height	S ₃ : Base length	S ₄ : Base width	Pipe Ø
CFS-CID 50	74	250	94	114	18
CFS-CID 75	102	250	122	142	35
CFS-CID 110	128	250	162	172	76
CFS-CID 160	176	250	228	238	89

S₆: Centre-to-centre distance: **EI 120 with Glass Wool Insulation**

EI 180 with stone wool or elastomeric insulation

	CFS-CID 50		CFS-CID 75		CFS-CID 110		CFS-CID 160	
	EI 120	EI 180	EI 120	EI 180	EI 120	EI 180	EI 120	EI 180
CFS-CID 50	94	294	108	308	128	308	162	362
CFS-CID 75	108	308	121	321	142	342	175	375
CFS-CID 110	128	328	142	342	162	362	196	396
CFS-CID 160	162	362	175	375	196	396	229	429

Add 1mm between each connection

- * S₅: 0 mm = EI 120 with Glass Wool Insulation
S₅: 200 mm = EI 180 with Stone Wool or elastomeric insulation

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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