



APPLICATION:

Plastic Pipe

ID:

CID:SP-RF-M-01

INFORMATION:

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

CFS-CID Cast-in Collar

REV:

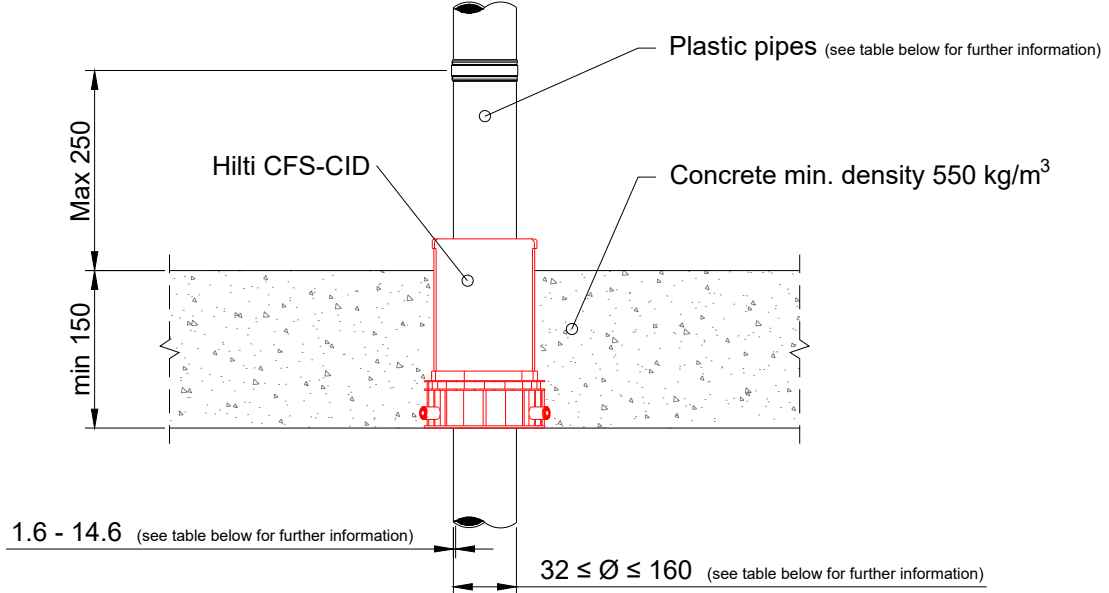
01

DATE:

10/2024

Fire Rating up to EI 180

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Collar Size	Pipe Material	Pipe Diameter	Pipe Wall Thickness	Classification with Distance (S ₂) 0mm	Classification with Distance (S ₂) 200mm
CFS-CID 50	PE pipes according to EN 1519-1, EN 12666-1, EN 12201-2	40 - 63	3	EI 120 - U/U	EI 180 - U/U
	PE pipes according to EN ISO 15494 and DIN 8074/8075	50 - 63	1.8 - 8.6		
	PE-S2 pipes, designation "Geberit Silent dB20"	56	3.2		
	PVC pipes acc. to EN 1452-2, EN 1329-1, EN 1453-1	63	1.6 - 7		
	PVC pipes acc. to EN 1452-2, EN 1329-1, EN 1453-1	50 - 63	1.6 - 7	N / A	
	PP pipes according to EN 1451-1	40 - 58	1.8 - 4		
	PE-Xa pipes designation "Rehau Rautitan Flex"	32 - 63	4.4 - 8.6		
	PE-X pipes designation "Geberit Mepla",	40	3.5	EI 120 - U/C	N/A
	PP-R pipes designation "Aquatherm"	32 - 63	2.9 - 5.8		
CFS-CID 75	PE pipes according to EN 1519-1, EN 12666-1, EN 12201-2	75	3	EI 120 - U/U	EI 180 - U/U
	PE pipes according to EN ISO 15494 and DIN 8074/8075	75	1.9 - 6.8		
	PE-S2 pipes, designation "Geberit Silent dB20"	56 - 75	3.2 - 3.6		
	PVC pipes acc. to EN 1452-2, EN 1329-1, EN 1453-1	75	8.4	N / A	
	PVC pipes acc. to EN 1452-2, EN 1329-1, EN 1453-1	75	2.2 - 8.4	EI 120 - U/U	
	PP pipes according to EN 1451-1	50 - 75	1.8 - 3.8	EI 120 - U/C	
CFS-CID 110	PE pipes according to EN 1519-1, EN 12666-1, EN 12201-2	90 - 110	3.5 - 4.2	EI 120 - U/U	EI 180 - U/U
	PE pipes according to EN ISO 15494 and DIN 8074/8075	90 - 110	2.2 - 10		
	PE-S2 pipes, designation "Geberit Silent dB20"	90 - 110	5.5 - 6		
	PVC pipes acc. to EN 1452-2, EN 1329-1, EN 1453-1	90 - 110	1.8 - 8.1		
	PP pipes according to EN 1451-1	90 - 110	2.2 - 5.3	EI 120 - U/C	
	PP-R pipes designation "Aquatherm"	90	8.2		
CFS-CID 160	PE pipes according to EN 1519-1, EN 12666-1, EN 12201-2	125 - 160	4.8 - 6.2	EI 120 - U/U	EI 180 - U/U
	PE pipes according to EN ISO 15494 and DIN 8074/8075	125 - 160	3.1 - 9.1		
	PE-S2 pipes, designation "Geberit Silent dB20"	135 - 160	6.0 - 7.0		
	PVC pipes acc. to EN 1452-2, EN 1329-1, EN 1453-1	125	1.8	N / A	
		125 - 160	1.8 - 7.7	EI 120 - U/U	
	PP pipes according to EN 1451-1	125 - 160	3.1 - 7.5		
	PP-R pipes designation "Aquatherm"	160	14.6	EI 120 - U/C	

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.