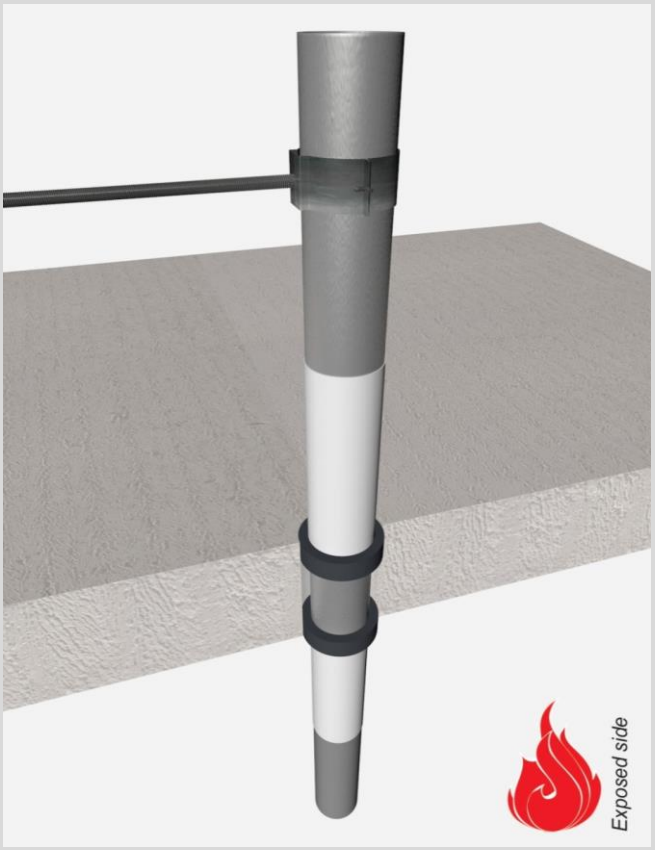
Notes:

- installation instructions in TDS
- apply joint seal in opening, flush with floor on 2 sides
- **other pipe dØ + s1** (thickness) are allowed within range and same pipe material
- angle: perpendicular + all angles between 90° and 45°

principle detail

Firetect®

tested property	fire resistance
test method	EN 1366-3
service no.	8-5-6



steel pipes

Graphite sealant

service type [1] dØ (mm)	s1 (mm)	pipe insulation PA coating DFT 0,8mm PA sealer 3mm		EI	constructive element [2]	Firetect joint seal width	depth	application 1 or 2 sides	backing required	max. opening in construction	pipe end configuration	max. angle
Ø12	1,0	PA coating	200 LI	EI **120**	rigid floors ≥ 150 mm	10 mm	25 mm	2 sides	-	32 mm	C/U + U/C + C/C	perpendicular + all angles between 90° and 45°
Ø15	1,0	PA coating	200 LI	EI **120**	rigid floors ≥ 150 mm	14 mm	25 mm	2 sides	-	44 mm	C/U + U/C + C/C	
Ø22	1,1	PA coating	200 LI	EI **120**	rigid floors ≥ 150 mm	10 mm	25 mm	2 sides	-	44 mm	C/U + U/C + C/C	
Ø26,9	2,9	PA coating	200 LI	EI **120**	rigid floors ≥ 150 mm	10 mm	25 mm	2 sides	-	50 mm	C/U + U/C + C/C	
Ø28	1,2	PA coating	200 LI	EI **90**	rigid floors ≥ 150 mm	10 mm	25 mm	2 sides	-	50 mm	C/U + U/C + C/C	
max.												
60,3	3,0	PA coating	200 LI	EI **90**	rigid floors ≥ 150 mm	10 mm	25 mm	2 sides	-	82 mm	C/U + U/C + C/C	

[1] Penetration services must be supported; support distance ≤ 400mm.

[2] Constructive element must be classified acc. EN 13501-2 for the required fire resistance period.