

**Notes:**

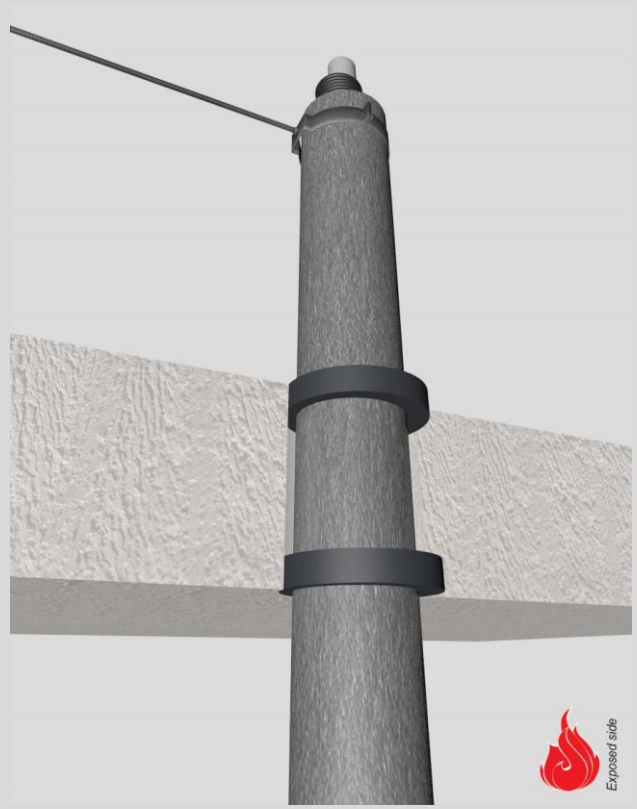
- installation instructions in [TDS](#)
- apply joint seal in opening, flush with floor on 2 sides
- **other pipe dØ + s1** (thickness) are allowed within range and same pipe material
- angle: perpendicular + all angles between 90° and 45°
- 'eccentric to zero' position in opening is allowed

**principle detail**

**Firetect®**

tested property  
test method  
service no.

fire resistance  
EN 1366-3  
**17-3-6**



**PE-Xa pipes**

**Graphite sealant**

service type		pipe insulation		EI	constructive element <sup>2)</sup>	Firetect joint seal		application	backing	max. opening	pipe end configuration	max. angle	
dØ (mm)	s1 (mm)	min. 28 kg/m <sup>3</sup> eg Uponor				width	depth						1 or 2 sides
Ø15/28	2,5	-		EI 240	rigid floors ≥ 150 mm	15 mm	25 mm	2 sides	-	58 mm	U/C + C/C	perpendicular + all angles between 90° and 45°	
		polyolefin 10mm	1200 CS + Cl	EI 240	rigid floors ≥ 150 mm	15 mm	25 mm	2 sides	-	78 mm	U/C + C/C		
Ø16/25	2,2	-		EI 240	rigid floors ≥ 150 mm	15 mm	25 mm	2 sides	-	55 mm	U/C + C/C		
		polyolefin 10mm	1200 CS + Cl	EI 240	rigid floors ≥ 150 mm	15 mm	25 mm	2 sides	-	75 mm	U/C + C/C		
<b>max.</b>													
Ø32/54	4,4	-		EI 240	rigid floors ≥ 150 mm	15 mm	25 mm	2 sides	-	84 mm	U/C + C/C		
		polyolefin 20mm	1200 CS + Cl	EI 90	rigid floors ≥ 150 mm	15 mm	25 mm	2 sides	-	124 mm	U/C + C/C		

<sup>1)</sup> Penetration services must be supported; support distance ≤ 400mm.

<sup>2)</sup> Constructive element must be classified acc. EN 13501-2 for the required fire resistance period.