

Notes:

- installation instructions in [TDS](#)
- apply joint seal in opening, flush with wall/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

test method

service no.

fire resistance

EN 1366-3

8-6-4



copper pipes

service type¹⁾ pipe insulation



constructive element²⁾

up to

Ø12	1,0	synth. rubber 13mm	700 LS + LI + CS + CI	EI 120	rigid walls ≥ 150 mm
		13mm	700 LS + LI + CS + CI	EI 120	rigid floors ≥ 150 mm

Ø15	1,0	synth. rubber 13mm	700 LS + LI + CS + CI	EI 120	rigid walls ≥ 150 mm
		13mm	700 LS + LI + CS + CI	EI 120	rigid floors ≥ 150 mm
		rock wool 25 mm	1000 LS + LI + CS + CI	EI 120	rigid walls ≥ 150 mm
		25 mm	1000 LS + LI + CS + CI	EI 120	rigid floors ≥ 150 mm

Ø22	1,1	synth. rubber 13mm	700 LS + LI + CS + CI	EI 120	rigid walls ≥ 150 mm
		13mm	700 LS + LI + CS + CI	EI 120	rigid floors ≥ 150 mm
		rock wool 25 mm	1000 LS + LI + CS + CI	EI 120	rigid walls ≥ 150 mm
		25 mm	1000 LS + LI + CS + CI	EI 120	rigid floors ≥ 150 mm

Ø28	1,2	synth. rubber 13mm	700 LS + LI + CS + CI	EI 120	rigid walls ≥ 150 mm
		13mm	700 LS + LI + CS + CI	EI 120	rigid floors ≥ 150 mm

Ø32	1,5	rock wool 25 mm	1000 LS + LI + CS + CI	EI 120	rigid walls ≥ 150 mm
		25 mm	1000 LS + LI + CS + CI	EI 120	rigid floors ≥ 150 mm

Ø54	2,0	rock wool 32 mm	1150 LI	EI 120	rigid walls ≥ 150 mm
-----	-----	-----------------	---------	--------	----------------------

Acrylic sealant

FireTECT joint seal width	depth	application	backing required	max. opening in construction	pipe end configuration	max. angle
------------------------------	-------	-------------	---------------------	---------------------------------	---------------------------	------------

10 mm	25 mm	2 sides	-	58 mm	C/U + U/C + C/C	
10 mm	25 mm	2 sides	-	58 mm	C/U + U/C + C/C	

10 mm	25 mm	2 sides	-	61 mm	C/U + U/C + C/C	
10 mm	25 mm	2 sides	-	61 mm	C/U + U/C + C/C	

7 mm	25 mm	2 sides	-	82 mm	C/U + U/C + C/C	
7 mm	25 mm	2 sides	-	82 mm	C/U + U/C + C/C	

10 mm	25 mm	2 sides	-	68 mm	C/U + U/C + C/C	
10 mm	25 mm	2 sides	-	68 mm	C/U + U/C + C/C	

5 mm	25 mm	2 sides	-	82 mm	C/U + U/C + C/C	
5 mm	25 mm	2 sides	-	82 mm	C/U + U/C + C/C	

10 mm	25 mm	2 sides	-	74 mm	C/U + U/C + C/C	
10 mm	25 mm	2 sides	-	74 mm	C/U + U/C + C/C	

10 mm	25 mm	2 sides	-	102 mm	C/U + U/C + C/C	
10 mm	25 mm	2 sides	-	102 mm	C/U + U/C + C/C	

smokesseal		2 sides	-	200 x 200 mm	C/C	
------------	--	---------	---	--------------	-----	--

in PA board 2S 50 mm

¹⁾ Penetration services must be supported; support distance ≤ 500mm (wall) or ≤ 400mm (floor).

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