

**Notes:**

- installation instructions in [TDS](#)
- apply smoke seal Firetect Acrylic 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

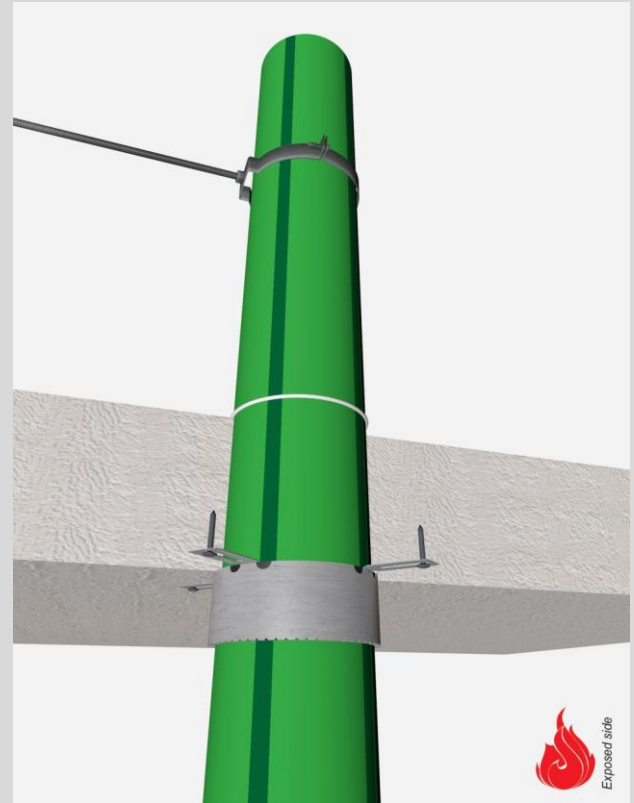
fire resistance

test method

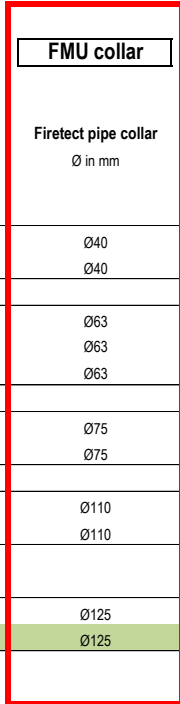
EN 1366-3

service no.

24-58



**PP-R pipes**



service type		pipe insulation		EI	constructive element <sup>2)</sup>	Firetect pipe collar Ø in mm	application 1 or 2 sides	finish required	max. opening in construction	pipe end configuration	max. angle
dØ (mm)	s1 (mm)	min. 28 kg/m <sup>3</sup> eg Uponor									
Ø40	min. 3,7	-	-	EI 240	rigid floors ≥ 150 mm	Ø40	1 side	*	40 mm	U/C + C/C	perpendicular + all angles between 90° and 45°
	max. 5,5	-	-	EI 180	rigid floors ≥ 150 mm	Ø40	1 side	*	40 mm	U/C + C/C	
Ø63	min. 5,8	-	-	EI 120	rigid floors ≥ 150 mm	Ø63	1 side	*	63 mm	U/C + C/C	
	max. 8,6	-	-	EI 120	rigid floors ≥ 150 mm	Ø63	1 side	*	63 mm	U/C + C/C	
	<a href="#">2x bundled</a> 5,8	polyolefin 25mm	750 LS + LI + CS + CI	EI 60	rigid floors ≥ 150 mm	Ø63	1 side	*	600 x 800 mm	U/C + C/C	
Ø75	min. 6,8	-	-	EI 120	rigid floors ≥ 150 mm	Ø75	1 side	*	75 mm	U/C + C/C	
	max. 10,3	-	-	EI 120	rigid floors ≥ 150 mm	Ø75	1 side	*	75 mm	U/C + C/C	
Ø110	min. 10	-	-	EI 90	rigid floors ≥ 150 mm	Ø110	1 side	*	110 mm	U/C + C/C	
	max. 15,1	-	-	EI 120	rigid floors ≥ 150 mm	Ø110	1 side	*	110 mm	U/C + C/C	
<b>max.</b>											
Ø125	11,4	-	-	EI 180	rigid floors ≥ 150 mm	Ø125	1 side	*	132 mm	U/C + C/C	
	17,1	-	-	EI 120	rigid floors ≥ 150 mm	Ø125	1 side	*	132 mm	U/C + C/C	

in PA board 2S 50 mm

\* smoke seal Acrylic on 2 sides

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

<sup>3)</sup> Constructive element must be classified acc. EN 13501-2 for the required fire resistance period.