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tested property

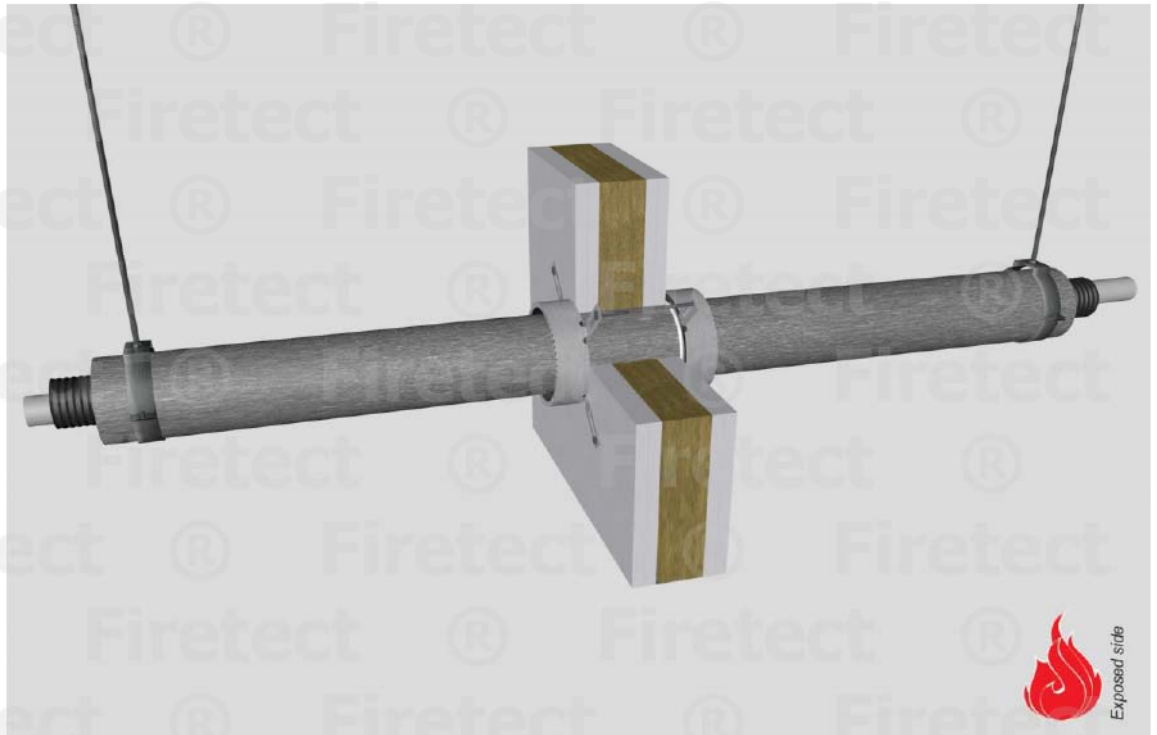
fire resistance

test method

EN 1366-3

service no.

19-59



PE-Xa pipes

FMU collar

service type		pipe insulation	EI	constructive element ²⁾	Firetect pipe collar		application	finish required	max. opening in construction	pipe end configuration	max. angle
dØ (mm)	s1 (mm)	min. 28 kg/m ³ eg Uponor			width	depth					
Ø15/28	2,5	-	EI 60	flexible walls ≥ 100 mm	Ø40	2 sides	*	28 mm	U/C + C/C	perpendicular + all angles between 90° and 45°	
		-	EI 240	rigid walls ≥ 150 mm	Ø40	2 sides	*	28 mm	U/C + C/C		
		polyolefin 10mm	1200 CS + CI	EI 120	flexible walls ≥ 100 mm	Ø50	2 sides	*	48 mm		U/C + C/C
		polyolefin 10mm	1200 CS + CI	EI 120	rigid walls ≥ 150 mm	Ø50	2 sides	*	48 mm		U/C + C/C
Ø16/25	2,2	-	EI 120	flexible walls ≥ 100 mm	Ø40	2 sides	*	25 mm	U/C + C/C	perpendicular + all angles between 90° and 45°	
		-	EI 240	rigid walls ≥ 150 mm	Ø40	2 sides	*	25 mm	U/C + C/C		
		polyolefin 10mm	1200 CS + CI	EI 120	flexible walls ≥ 100 mm	Ø50	2 sides	*	45 mm		U/C + C/C
		polyolefin 10mm	1200 CS + CI	EI 120	rigid walls ≥ 150 mm	Ø50	2 sides	*	45 mm		U/C + C/C
Ø32/54	4,4	-	EI 120	flexible walls ≥ 100 mm	Ø63	2 sides	*	54 mm	U/C + C/C	perpendicular + all angles between 90° and 45°	
		-	EI 240	rigid walls ≥ 150 mm	Ø63	2 sides	*	54 mm	U/C + C/C		
		polyolefin 20mm	1200 CS + CI	EI 60	flexible walls ≥ 100 mm	Ø110	2 sides	*	94 mm		U/C + C/C
		polyolefin 20mm	1200 CS + CI	EI 240	rigid walls ≥ 150 mm	Ø110	2 sides	*	94 mm		U/C + C/C

* smoke seal Acrylic on 2 sides

'Eccentric to zero' position in opening is allowed.

¹⁾ Penetration services must be supported; support distance ≤ 500mm.

²⁾ Constructive element must be classified acc. EN 13501-2 for the required fire resistance period. EI for flexible walls ≥ 100mm is also applicable for rigid walls ≥ 100mm!