

tested property
test method
service no.

fire resistance
EN 1366-3
8-3-4



copper pipes

Acrylic sealant

service type ¹⁾		pipe insulation	EI	constructive element ²⁾	Firetect joint seal		application	backing required	max. opening in construction	pipe end configuration	max. angle
dØ (mm)	s1 (mm)	PA coating DFT 0,8mm			width	depth					
Ø8	1,0	-	EI 180	rigid walls ≥ 150 mm	8 mm bead		1 side	-	8 mm	C/U + U/C + C/C	perpendicular + all angles between 90° and 45°
Ø8	1,0	-	EI 180	rigid floors ≥ 150 mm	8 mm bead		1 side	-	8 mm	C/U + U/C + C/C	
Ø8	1,0	PA coating	200 LI	EI 90	flexible walls ≥ 100 mm	-	2 sides	-	8 mm	C/U + U/C + C/C	
Ø12	1,0	-	EI 120	rigid walls ≥ 150 mm	10 mm	25 mm	2 sides	-	32 mm	C/U + U/C + C/C	perpendicular + all angles between 90° and 45°
		-	EI 120	rigid floors ≥ 150 mm	10 mm	25 mm	2 sides	-	32 mm	C/U + U/C + C/C	
		PA coating	200 LI	EI 90	flexible walls ≥ 100 mm	10 mm	25 mm	2 sides	-	32 mm	
Ø15	1,0	-	EI 120	rigid walls ≥ 150 mm	15 mm	25 mm	2 sides	-	44 mm	C/U + U/C + C/C	perpendicular + all angles between 90° and 45°
		-	EI 120	rigid floors ≥ 150 mm	15 mm	25 mm	2 sides	-	44 mm	C/U + U/C + C/C	
		PA coating	200 LI	EI 60	flexible walls ≥ 100 mm	10 mm	25 mm	2 sides	-	35 mm	
Ø22	1,1	-	EI 60	rigid walls ≥ 150 mm	10 mm	25 mm	2 sides	-	44 mm	C/U + U/C + C/C	perpendicular + all angles between 90° and 45°
		-	EI 60	rigid floors ≥ 150 mm	10 mm	25 mm	2 sides	-	44 mm	C/U + U/C + C/C	
		PA coating	200 LI	EI 60	flexible walls ≥ 100 mm	10 mm	25 mm	2 sides	-	42 mm	
Ø28	1,2	-	EI 60	rigid walls ≥ 150 mm	11 mm	25 mm	2 sides	-	50 mm	C/U + U/C + C/C	perpendicular + all angles between 90° and 45°
		-	EI 60	rigid floors ≥ 150 mm	11 mm	25 mm	2 sides	-	50 mm	C/U + U/C + C/C	

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. EI for flexible walls ≥ 100mm is also applicable for rigid walls ≥ 100mm!