

UL-EU CERTIFICATE

Certificate No. UL-EU-01215-CPR
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Date of Issue 2021-09-22

Certificate Holder Sika Services AG
Tueffenwies 16
8048 Zurich
Switzerland

Manufacturer A/003

Certified Product Type Fire Stop – Pipe Collar
Product Trade Name SikaSeal-627 Fire Collar+
Trademark N/A
Rating/Classification See Appendix

Harmonised Technical Specifications EAD 350454-00-1104 / EN 13501-2
Expiry date 2031-09-21



A handwritten signature in purple ink, appearing to read 'Chris Miles'.

Authorized Certification Decision Maker
Chris Miles

This is to certify that representative samples of the Certified Product listed above have been investigated by Underwriters Laboratories to the Standard(s) indicated on this Certificate, in accordance with the UL Global Services Agreement and the UL-EU Mark Service Terms and Conditions ("Agreement"). The Certificate Holder is entitled to use the UL-EU Mark for the Certified Product listed on the certificate and manufactured at the production site(s) listed, in accordance with the terms of the Agreement. Only those products bearing the UL-EU Mark for Europe should be considered as being covered by UL's UL-EU Mark Service. This Certificate shall remain valid through the Expiration date, unless a Standard identified on this Certificate is amended or withdrawn prior to that date or there is a non-compliance with the Agreement.



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This certificate relates to the use of SikaSeal-627 Fire Collar+ for fire stopping where there are service penetrations through floors and walls. The detailed scope is given in pages 3 to 27 of this Certificate. This shows the thickness and acceptable dimensions, substrates and orientations required to provide fire resistance periods of up to 240 minutes for differing services and wall/floor constructions.

The products are certificated on the basis of:

- i) Inspection and surveillance of factory production control by UL
- ii) Fire resistance test data in accordance with EN 1366-3: 2009
- iii) Classification in accordance with EN 13501-2
- iv) Durability and Servicability as defined in EAD 350454-00-1104

The durability class of SikaSeal-627 Fire Collar+ is Z₂ - intended for use at internal conditions with humidity classes other than Z₁, excluding temperatures below 0°C.

The SikaSeal-627 Fire Collar+ may be supplied with powder coated steel or stainless steel shells.



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Product-type: Pipe Collar		Intended use: Penetration Seal
Assessment method	Essential characteristic	Product Performance
BWR 2 Safety in case of fire		
EN 13501-1	Reaction to fire	Performance not assessed
EN 13501-2	Resistance to fire	See pages 4 - 27
BWR 3 Hygiene, health and environment		
EN 1026	Air permeability	See page 28
EAD 350454-00-1104, Annex C	Water permeability	No performance determined
Declaration of manufacturer & EN 16516	Content, emission and/or release of dangerous substances	Use categories: IA1, S/W2 Declaration of manufacturer
BWR 4 Safety in use		
EOTA TR 001:2003	Mechanical resistance and stability	No performance determined
EOTA TR 001:2003	Resistance to impact/movement	No performance determined
EOTA TR 001:2003	Adhesion	No performance determined
EAD 350454-00-1104, Clause 2.2.9	Durability	Z ₂
BWR 5 Protection against noise		
EN 10140-1,2,4,5/ EN ISO 717-1	Airborne sound insulation	R _w (C;Ctr): 58 (-1;-7)
BWR 6 Energy economy and heat retention		
EN 12664, EN 12667, EN 12939, EN ISO 8990, EN ISO 6946, EN ISO 14683, EN ISO 10211, EN ISO 10456	Thermal properties	No performance determined
EN ISO 12572, EN 12086, EN ISO 10456	Water vapour permeability	No performance determined



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SikaSeal-627 Fire Collar+: Service Penetration Seals in Drywalls and Masonry Walls						
Substrate	Minimum Wall Thickness (mm)	Penetrating Services	Seal Position	Collar Inlay	Fire Resistance (mins.)	
					E	EI
PVC-U pipe according to EN 1329-1, EN 1452-1 and EN 1453-1 and PVC-C according to EN 1566-1						
Gypsum board/ Masonry/ Concrete	75	Diameter 32 mm, wall thickness 2.4-4.6 mm**	Both Sides	30 x 3.0 mm	60	30
		Diameter 40 mm, wall thickness 2.4-4.6 mm**				
		Diameter 50 mm, wall thickness 2.4-4.6 mm**				
		Diameter 55 mm, wall thickness 2.4-4.8 mm*		60	30	
		Diameter 63 mm, wall thickness 2.5-5.0 mm*				
		Diameter 75 mm, wall thickness 2.5-5.4 mm*				
		Diameter 82 mm, wall thickness 2.6-5.6 mm*				
		Diameter 90 mm, wall thickness 2.6-5.9 mm*		60	45	
		Diameter 110 mm, wall thickness 2.7-6.6 mm*				
		Diameter 125 mm, wall thickness 2.9-7.4 mm*				
		Diameter 140 mm, wall thickness 3.0-8.3 mm*		60 x 11.5 mm	60	45
		Diameter 160 mm, wall thickness 3.2-9.5 mm*				
		PE pipe according to EN 1519-1, EN 12201-2 and EN 12666-1, ABS according to EN 1455-1 and pipes made from SAN+PVC according to EN 1565-1				
Gypsum board/ Masonry/ Concrete	75	Diameter 32 mm, wall thickness 3.0-4.6 mm*	Both Sides	30 x 3.0 mm	60	30
		Diameter 40 mm, wall thickness 3.0-4.6 mm*				
		Diameter 50 mm, wall thickness 3.0-4.6 mm*				
		Diameter 55 mm, wall thickness 3.0-5.0 mm*		60	30	
		Diameter 63 mm, wall thickness 3.1-5.8 mm*				
		Diameter 75 mm, wall thickness 3.2-6.8 mm*				
		Diameter 82 mm, wall thickness 3.2-7.5 mm*				
		Diameter 90 mm, wall thickness 3.3-8.2 mm*		60	60	
		Diameter 110 mm, wall thickness 3.4-10.0 mm*				
		Diameter 125 mm, wall thickness 4.2-9.8 mm*				
		Diameter 140 mm, wall thickness 5.1-9.6 mm*		60 x 11.5 mm	60	45
		Diameter 160 mm, wall thickness 6.2-9.5 mm*				
		PP pipe according to EN 1451-1				
Gypsum board/ Masonry/ Concrete	75	Diameter 32 mm, wall thickness 2.0-4.6 mm**	Both Sides	30 x 3.0 mm	60	30
		Diameter 40 mm, wall thickness 2.0-4.6 mm**				
		Diameter 50 mm, wall thickness 2.0-4.6 mm**				
		Diameter 55 mm, wall thickness 2.1-5.1 mm*		60	30	
		Diameter 63 mm, wall thickness 2.3-5.8 mm*				
		Diameter 75 mm, wall thickness 2.6-6.9 mm*				
		Diameter 82 mm, wall thickness 2.7-7.5 mm*				
		Diameter 90 mm, wall thickness 2.9-8.2 mm*		60	45	
		Diameter 110 mm, wall thickness 3.4-10.0 mm*				
		Diameter 125 mm, wall thickness 3.9-11.4 mm*				
		Diameter 140 mm, wall thickness 4.3-12.8 mm*		60 x 11.5 mm	60	60
		Diameter 160 mm, wall thickness 4.9-14.6 mm*				

All pipe classifications marked '**' are pipe end configuration U/C and C/C - U=Uncapped, C=Capped
 All pipe classifications marked '**' are pipe end configuration U/U, C/U, U/C and C/C - U=Uncapped, C=Capped



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SikaSeal-627 Fire Collar+: Service Penetration Seals in Drywalls and Masonry Walls									
Substrate	Minimum Wall Thickness (mm)	Penetrating Services	Seal Position	Collar Inlay	Fire Resistance (mins.)				
					E	EI			
PVC-U pipe according to EN 1329-1, EN 1452-1 and EN 1453-1 and PVC-C according to EN 1566-1									
Gypsum board/ Masonry/ Concrete	100	Diameter 32 mm, wall thickness 1.2-3.7 mm*	Both Sides	30 x 3.0 mm	90	60			
		Diameter 40 mm, wall thickness 1.2-3.7 mm*							
		Diameter 50 mm, wall thickness 1.2-4.6 mm*							
		Diameter 55 mm, wall thickness 1.3-4.7 mm*							
		Diameter 63 mm, wall thickness 1.5-5.0 mm*							
		Diameter 75 mm, wall thickness 1.8-5.4 mm*							
		Diameter 82 mm, wall thickness 2.0-5.6 mm*							
		Diameter 90 mm, wall thickness 2.2-5.9 mm*							
		Diameter 110 mm, wall thickness 2.7-6.6 mm*							
		Diameter 110 mm, wall thickness 2.7-6.6 mm**							
		Diameter 125 mm, wall thickness 2.9-7.4 mm**							
		Diameter 140 mm, wall thickness 3.0-8.3 mm**							
		Diameter 160 mm, wall thickness 3.2-9.5 mm*							
		Diameter 32 mm, wall thickness 2.4-4.6 mm**							
		Diameter 40 mm, wall thickness 2.4-4.6 mm**							
		Diameter 50 mm, wall thickness 2.4-4.6 mm**							
		Diameter 55 mm, wall thickness 2.5-4.7 mm**							
		Diameter 63 mm, wall thickness 2.5-5.0 mm**							
		Diameter 75 mm, wall thickness 2.6-5.4 mm**							
		Diameter 82 mm, wall thickness 2.6-5.6 mm**							
		Diameter 90 mm, wall thickness 2.6-5.9 mm**							
		Diameter 110 mm, wall thickness 2.7-6.6 mm**							
		Diameter 110 mm, wall thickness 2.7-6.6 mm**							
		Diameter 125 mm, wall thickness 2.9-7.4 mm**							
		Diameter 140 mm, wall thickness 3.0-8.3 mm**							
		Diameter 160 mm, wall thickness 3.2-9.5 mm**							
		Diameter 200 mm, wall thickness 4.9-11.9 mm*							
		Diameter 315 mm, wall thickness 7.7-12.1 mm~							
		Diameter 400 mm, wall thickness 9.8-11.9 mm~							
							50 x 6.0 mm	90	60
							50 x 8.8 mm		
							50 x 11.5 mm	90	90
				50 x 15.0 mm					
				30 x 3.0 mm	90	60			
				50 x 3.2 mm					
				50 x 3.6 mm					
				50 x 4.2 mm					
				50 x 4.6 mm					
				50 x 5.0 mm					
				50 x 6.0 mm					
				60 x 6.0 mm					
				60 x 9.0 mm					
				60 x 11.5 mm					
				60 x 15.0 mm					
				60 x 18 mm			120	120	
				75 x 30 mm	90	90			
				100 x 40 mm	120	90			

All pipe classifications marked '*' are pipe end configuration U/C and C/C - U=Uncapped, C=Capped
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Substrate	Minimum Wall Thickness (mm)	Penetrating Services	Seal Position	Collar Inlay	Fire Resistance (mins.)	
					E	EI
PE pipe according to EN 1519-1, EN 12201-2 and EN 12666-1, ABS according to EN 1455-1 and pipes made from SAN+PVC according to EN 1565-1						
Gypsum board/ Masonry/ Concrete	100	Diameter 32 mm, wall thickness 3.0-4.6 mm**	Both Sides	30 x 3.0 mm	90	45
		Diameter 40 mm, wall thickness 3.0-4.6 mm**				
		Diameter 50 mm, wall thickness 3.0-4.6 mm**				
		Diameter 32 mm, wall thickness 3.0-5.6 mm*			90	60
		Diameter 40 mm, wall thickness 3.0-5.6 mm*				
		Diameter 50 mm, wall thickness 3.0-5.6 mm*				
		Diameter 55 mm, wall thickness 3.0-6.0 mm*		30 x 3.2 mm	60	60
		Diameter 63 mm, wall thickness 3.1-6.6 mm*				
		Diameter 75 mm, wall thickness 3.2-7.5 mm*				
		Diameter 82 mm, wall thickness 3.2-8.0 mm*		30 x 4.2 mm	60	60
		Diameter 90 mm, wall thickness 3.3-8.6 mm*				
		Diameter 110 mm, wall thickness 3.4-10.0 mm*				
		Diameter 110 mm, wall thickness 3.4-10.0 mm**		50 x 6.0 mm	90	60
		Diameter 125 mm, wall thickness 4.2-9.8 mm*				
		Diameter 140 mm, wall thickness 5.1-9.6 mm*				
		Diameter 160 mm, wall thickness 6.2-9.5 mm*		50 x 9.0 mm	60	60
		Diameter 32 mm, wall thickness 3.0-4.6 mm**				
		Diameter 40 mm, wall thickness 3.0-4.6 mm**				
		Diameter 50 mm, wall thickness 3.0-4.6 mm**		50 x 11.5 mm	60	60
		Diameter 55 mm, wall thickness 3.1-5.0 mm**				
		Diameter 63 mm, wall thickness 3.1-5.7 mm**				
		Diameter 75 mm, wall thickness 3.2-6.8 mm**		50 x 15.0 mm	120	90
		Diameter 82 mm, wall thickness 3.2-7.4 mm**				
		Diameter 90 mm, wall thickness 3.3-8.1 mm**				
		Diameter 110 mm, wall thickness 3.4-10.0 mm**		50 x 3.0 mm	90	60
		Diameter 125 mm, wall thickness 4.0-11.5 mm**				
		Diameter 140 mm, wall thickness 4.4-12.8 mm**				
		Diameter 160 mm, wall thickness 4.9-14.6 mm**		50 x 3.2 mm	90	60
		Diameter 200 mm, wall thickness 6.2-18.2 mm*				
		Diameter 400 mm, wall thickness 36.3 mm~				
				50 x 3.6 mm	90	60
				50 x 4.2 mm		
				50 x 4.6 mm		
				50 x 5.0 mm	90	60
				60 x 6.0 mm		
				60 x 8.8 mm		
				60 x 11.5 mm	90	90
				60 x 15.0 mm		
				60 x 18.0 mm		
				100 x 40.0 mm	90	90

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Substrate	Minimum Wall Thickness (mm)	Penetrating Services	Seal Position	Collar Inlay	Fire Resistance (mins.)	
					E	EI
PP pipe according to EN 1451-1						
Gypsum board/ Masonry/ Concrete	100	Diameter 32 mm, wall thickness 3.0-5.6 mm*	Both Sides	30 x 3.0 mm	90	60
		Diameter 40 mm, wall thickness 3.0-5.6 mm**				
		Diameter 50 mm, wall thickness 3.0-5.6 mm**				
		Diameter 32 mm, wall thickness 1.8-4.6 mm**		30 x 3.0 mm	90	60
		Diameter 40 mm, wall thickness 1.8-4.6 mm**				
		Diameter 50 mm, wall thickness 1.8-4.6 mm**				
		Diameter 50 mm, wall thickness 1.8-5.6 mm*		30 x 3.0 mm	90	60
		Diameter 55 mm, wall thickness 2.0-5.7 mm*				
		Diameter 63 mm, wall thickness 2.2-5.8 mm*				
		Diameter 75 mm, wall thickness 2.5-5.9 mm*		30 x 4.2 mm	90	60
		Diameter 82 mm, wall thickness 2.7-6.0 mm*				
		Diameter 90 mm, wall thickness 2.9-6.1 mm*				
		Diameter 110 mm, wall thickness 3.4-6.3 mm*		30 x 6.0 mm	90	60
		Diameter 50 mm, wall thickness 1.8-5.6 mm*				
		Diameter 55 mm, wall thickness 2.0-6.0 mm*				
		Diameter 63 mm, wall thickness 2.2-6.6 mm*		50 x 3.0 mm	90	60
		Diameter 75 mm, wall thickness 2.5-7.6 mm*				
		Diameter 82 mm, wall thickness 2.7-8.2 mm*				
		Diameter 90 mm, wall thickness 2.9-8.9 mm*		50 x 4.6 mm	60	60
		Diameter 110 mm, wall thickness 3.4-10.5 mm*				
		Diameter 125 mm, wall thickness 3.8-11.7 mm*				
		Diameter 140 mm, wall thickness 4.2-12.9 mm*		50 x 6.0 mm	90	60
		Diameter 160 mm, wall thickness 4.9-14.6 mm*				
		Diameter 50 mm, wall thickness 1.8-4.6 mm**				
		Diameter 55 mm, wall thickness 2.0-4.7 mm**		50 x 3.2 mm	90	60
		Diameter 63 mm, wall thickness 2.2-5.0 mm**				
		Diameter 75 mm, wall thickness 2.5-5.4 mm**				
		Diameter 82 mm, wall thickness 2.7-5.6 mm**		50 x 4.2 mm	90	60
		Diameter 90 mm, wall thickness 2.9-5.9 mm**				
		Diameter 110 mm, wall thickness 3.4-6.6 mm**				
		Diameter 110 mm, wall thickness 3.4-6.6 mm**		50 x 6.0 mm	90	60
		Diameter 125 mm, wall thickness 3.9-9.0 mm**				
		Diameter 140 mm, wall thickness 4.4-11.4 mm**				
Diameter 160 mm, wall thickness 4.9-14.6 mm**	60 x 11.5 mm	60	60			
Diameter 200 mm, wall thickness 4.9-18.2 mm*						
Diameter 400 mm, wall thickness 22.7 mm~						
				60 x 15.0 mm	120	90
				100 x 40.0 mm	60	60

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Substrate	Minimum Wall Thickness (mm)	Penetrating Services	Seal Position	Collar Inlay	Fire Resistance (mins.)	
					E	EI
Wavin SiTech + PP-M B according to EN 13501-1						
Gypsum board/ Masonry/ Concrete	100	32-40 mm diameter/ 1.8 mm wall thickness*	Both Sides	50 x 3.0 mm	120	120
		50 mm diameter/ 1.8 mm wall thickness *		50 x 3.2 mm		
		75 mm diameter/ 1.8-2.5 mm wall thickness*		50 x 4.2 mm	120	60
		90 mm diameter/ 1.8-2.9 mm wall thickness*		50 x 5.0 mm		
		110 mm diameter/ 1.8-3.4 mm wall thickness *		50 x 6.0 mm		
Aquatarm Green SDR9 MF PP-RP according to ISO 21003						
Gypsum board/ Masonry/ Concrete	100	32 mm diameter/3.0-5.6 mm wall thickness**	Both Sides	30 x 3.0 mm	120	120
		40 mm diameter/3.0-5.6 mm wall thickness**		50 x 3.0 mm		
		50 mm diameter/3.0-5.6 mm wall thickness**		50 x 3.2 mm	120	60
		63 diameter/3.6-7.0 mm wall thickness**		50 x 3.6 mm		
		75 diameter/4.1-8.4 mm wall thickness**		50 x 4.2 mm		
		90 diameter/4.7-10.1 mm wall thickness**		50 x 5.0 mm		
110 diameter/5.6-12.3 mm wall thickness**	50 x 6.0 mm					
Geberit Silent PP according to DIN 4102						
Gypsum board/ Masonry/ Concrete	100	32-50 mm diameter/ 1.8 mm wall thickness*	Both Sides	50 x 3.0 mm	120	120
		75 mm diameter/1.8-2.5 mm wall thickness*		50 x 4.2 mm	120	60
		90 mm diameter/1.8-2.9 mm wall thickness*		50 x 5.0 mm		
		110 mm diameter/1.8-3.4 mm wall thickness*		50 x 6.0 mm		
Polo-Kal NG Poloplast PP-MV according to DIN 4102						
Gypsum board/ Masonry/ Concrete	100	32-40 mm diameter/1.8-2.0 mm wall thickness*	Both Sides	50 x 3.0 mm	120	120
		50 mm diameter/1.8-2.0 mm wall thickness*		50 x 3.2 mm		
		75 mm diameter/1.9-2.6 mm wall thickness*		50 x 4.2 mm	120	90
		90 mm diameter/1.9-2.9 mm wall thickness*		50 x 5.0 mm		
		110 mm diameter/2.0-3.4 wall thickness*		50 x 6.0 mm		
		Diameter 125 mm, wall thickness 3.9 mm*		60 x 9.0 mm	120	120
		Diameter 160 mm, wall thickness 4.9 mm*		60 x 15 mm	120	120
Rehau Raupiano Plus PP-DD according to DIN 4102						
Gypsum board/ Masonry/ Concrete	100	40 mm diameter/1.8 mm wall thickness*	Both Sides	50 x 3.0 mm	120	90
		50 mm diameter/1.8 mm wall thickness*		50 x 3.2 mm		
		75 mm diameter/1.8-2.2 mm wall thickness*		50 x 4.2 mm	120	60
		90 mm diameter/1.8-2.4 mm wall thickness*		50 x 5.0 mm		
		110 mm diameter/1.8-2.7 mm wall thickness*		50 x 6.0 mm		
		Diameter 125 mm, wall thickness 3.1 mm*		60 x 9.0 mm	120	120
		Diameter 160 mm, wall thickness 3.9 mm*		60 x 15.0 mm		

All pipe classifications marked '*' are pipe end configuration U/U, C/U, U/C and C/C - U=Uncapped, C=Capped
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Substrate	Minimum Wall Thickness (mm)	Penetrating Services	Seal Position	Collar Inlay	Fire Resistance (mins.)	
					E	EI
BluePower Multilayer pipe – TR02-PP according to EN 1451-1						
Gypsum board/ Masonry/ Concrete	100	32-40 mm diameter/1.8 mm wall thickness**	Both Sides	50 x 3.0 mm	120	90
		50 mm diameter/1.8 mm wall thickness**		50 x 3.2 mm		
		75 mm diameter/1.8-2.5 mm wall thickness*		50 x 4.2 mm	120	60
		90 mm diameter/1.8-2.9 mm wall thickness*		50 x 5.0 mm		
		110 mm diameter/1.8-3.4 mm wall thickness*		50 x 6.0 mm		
		125 mm diameter/2.3-3.8 mm wall thickness*		60 x 9.0 mm		
160 mm diameter/3.4-4.9 mm wall thickness*	60 x 15.0 mm	90	90			
Uponor Decibel according to EN 1451-1						
Gypsum board/ Masonry/ Concrete	100	50 mm diameter/2.0 mm wall thickness**	Both Sides	50 x 3.0 mm	120	60
		75 mm diameter/2.6 mm wall thickness**		50 x 4.2 mm		
		110 mm diameter/3.8 mm wall thickness**		50 x 6.0 mm		

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Substrate	Minimum Wall Thickness (mm)	Penetrating Services	Seal Position	Collar	Collar Inlay	Fire Resistance (mins.)	
						E	EI
Gypsum board/ Masonry/ Concrete	100	Cables up to 21 mm Ø, in partial or fully filled tied bundles up to 110 mm Ø (Collar internal diameter to match cable bundle size)	Both Sides	Up to 110 mm collar at 30 mm height	Between 3.0 and 6.0 mm	120	60
		Cables up to 80 mm Ø, in partial or fully filled tied bundles up to 160 mm Ø (Collar internal diameter to match cable bundle size)		Up to 110 mm collar at 50 mm height, 125-160 mm at 60 mm height	Between 3.0 and 15.0 mm	120	60
		PVC pipes up to 40 mm Ø, wall thickness 1.0-3.7 mm with or without cables up to 21 mm Ø, in partial or fully filled pipe bundles up to 160 mm Ø		Up to 110 mm collar at 50 mm height, 125-160 mm at 60 mm height	Between 3.0 and 15.0 mm	90	90
		PE pipes up to 40 mm Ø, wall thickness 2.0-3.7 mm with or without cables up to 21 mm Ø, in partial or fully filled pipe bundles up to 160 mm Ø					
		PP pipes up to 40 mm Ø, wall thickness 1.8-3.7 mm with or without cables up to 21 mm Ø, in partial or fully filled pipe bundles up to 160 mm Ø					
		None (blank). Hole behind collar to be fitted with minimum 25 mm thick stone mineral wool insulation at minimum 33 kg/m ³ .		Up to 110 mm collar at 30 mm height	Between 3.0 and 6.0 mm	120	60
		None (blank). Hole behind collar to be fitted with minimum 25 mm thick stone mineral wool insulation at minimum 33 kg/m ³ .		160 mm collar at 60 mm height	15.0 mm	120	120
Uponor Aqua PEX pipe in pipe system							
Gypsum board/ Masonry/ Concrete	100	Diameter up to 25 mm pipes, wall thickness 0.6 mm, in bundles up to 55 mm	Both Sides	55 mm collar at 30 mm height	3.2 mm	120	90

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Substrate	Minimum Wall Thickness (mm)	Penetrating Services	Seal Position	Collar	Service Insulation	Fire Resistance (mins.)	
						E	EI
Copper pipe or mild steel							
Gypsum board/ Masonry/ Concrete	100	Maximum diameter 54 mm, wall thickness 0.7-14.2 mm*	Both Sides	Up to 110 mm collar at 50 mm height, 125-160 mm at 60 mm height	9-50 mm thick Elastomeric insulation minimum class B-s3, d0	90	60
		Diameter 54 mm, wall thickness 1.2 mm		Ø 110 x 50 x 6.0 mm	25 mm thick Phenolic Foam insulation	120	60
		Diameter 54 mm, wall thickness 1.2 mm		Ø 110 x 50 x 6.0 mm	20 mm thick PE foam insulation	120	90
Alupex pipe							
Gypsum board/ Masonry/ Concrete	100	Maximum diameter 75 mm, wall thickness 2.25-4.6 mm*	Both Sides	Up to 110 mm collar at 50 mm height, 125-200 mm at 60 mm height	9-50 mm thick Elastomeric insulation minimum class B-s3,d0	90	60

All pipe classifications are pipe end configuration C/C only - C=Capped



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SikaSeal-627 Fire Collar+: Service Penetration Seals in Drywalls and Masonry Walls							
Substrate	Minimum Wall Thickness (mm)	Penetrating Services	Seal Position	Collar	Service Insulation	Fire Resistance (mins.)	
						E	EI
PE pipe according to EN 1519-1, EN 12201-2 and EN 12666-1, ABS according to EN 1455-1 and pipes made from SAN+PVC according to EN 1565-1							
Gypsum board/ Masonry/ Concrete	100	Maximum diameter 160 mm, wall thickness 3.0-9.5 mm*	Both Sides	Up to 110 mm collar at 50 mm height, 125-200 mm at 60 mm height, 250-315 mm at 75 mm height	9-50 mm thick Elastomeric insulation minimum class D-s3,d0	90	90
		Diameter 160 mm, wall thickness 4.9-9.5 mm				120	120
PP pipe according to EN 1451-1							
Gypsum board/ Masonry/ Concrete	100	Maximum diameter 160 mm, wall thickness 1.8-14.6 mm*	Both Sides	Up to 110 mm collar at 50 mm height, 125-200 mm at 60 mm height, 250-315 mm at 75 mm height	9-50 mm thick Elastomeric insulation minimum class D-s3,d0	90	90
		Diameter 160 mm, wall thickness 4.9-14.6 mm				120	120

All pipe classifications are pipe end configuration C/C only - C=Capped



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SikaSeal-627 Fire Collar+: Service Penetration Seals Comprising 1x 50 mm SikaSeal-626 Fire Board+ 2-S in Drywalls and Masonry Walls - Maximum aperture size 1200 mm x 600 mm						
Substrate	Minimum Wall Thickness (mm)	Penetrating Services	Seal Position	Collar Inlay	Fire Resistance (mins.)	
					E	EI
PVC-U pipe according to EN 1329-1, EN 1452-1 and EN 1453-1 and PVC-C according to EN 1566-1						
Gypsum board/ Masonry/ Concrete	100	32-50 mm diameter / 1.9-3.7 mm wall thickness*	Both Sides	50 x 3.0 mm	120	60
		55 mm, / 1.9-4.0 mm wall thickness*		50 x 3.2 mm		
		63 mm, / 2.0-4.4 mm wall thickness*		50 x 3.6 mm		
		75 mm, / 2.2-4.9 mm wall thickness*		50 x 4.2 mm		
		82 mm, / 2.3-5.3 mm wall thickness*		50 x 4.6 mm		
		90 mm, / 2.4-5.7 mm wall thickness*		50 x 5.0 mm		
PE pipe according to EN 1519-1, EN 12201-2 and EN 12666-1, ABS according to EN 1455-1 and pipes made from SAN+PVC according to EN 1565-1						
Gypsum board/ Masonry/ Concrete	100	32-50 mm diameter / 3.0-4.6 mm wall thickness*	Both Sides	50 x 3.0 mm	120	60
		55 mm, / 3.0-5.2 mm wall thickness**		50 x 3.2 mm		
		63 mm, / 3.0-5.9 mm wall thickness**		50 x 3.6 mm		
		75 mm, / 3.1-6.9 mm wall thickness**		50 x 4.2 mm		
		82 mm, / 3.1-7.6 mm wall thickness**		50 x 4.6 mm		
		90 mm, / 3.2-8.3 mm wall thickness**		50 x 5.0 mm		
110 mm, / 3.4-10.0 mm wall thickness**						

All pipe classifications marked ‘*’ are pipe end configuration U/C and C/C - U=Uncapped, C=Capped
 All pipe classifications marked ‘**’ are pipe end configuration C/C only - C=Capped



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SikaSeal-627 Fire Collar+: Service Penetration Seals in Drywalls and Masonry Walls								
Substrate	Minimum Wall Thickness (mm)	Penetrating Services	Seal Position	Collar Inlay	Fire Resistance (mins.)			
					E	EI		
PVC-U pipe according to EN 1329-1, EN 1452-1 and EN 1453-1 and PVC-C according to EN 1566-1								
Gypsum board/ Masonry/ Concrete	120	Diameter 32-50 mm, wall thickness 2.4-3.7 mm	Both Sides	50 x 3.0 mm	120	120		
		Diameter 55 mm, wall thickness 2.4-3.9 mm		50 x 3.2 mm				
		Diameter 63 mm, wall thickness 2.5-4.3 mm		50 x 3.6 mm				
		Diameter 75 mm, wall thickness 2.5-4.9 mm		50 x 4.2 mm				
		Diameter 82 mm, wall thickness 2.6-5.2 mm		50 x 4.6 mm				
		Diameter 90 mm, wall thickness 2.6-5.6 mm		50 x 5.0 mm				
		Diameter 110 mm, wall thickness 2.7-6.6 mm		50 x 6.0 mm				
		Diameter 125 mm, wall thickness 3.1-7.5 mm		60 x 8.8 mm				
		Diameter 140 mm, wall thickness 3.5-8.4 mm		60 x 11.5 mm				
		Diameter 160 mm, wall thickness 4.0-9.5 mm		60 x 15.0 mm				
		Diameter 50 mm, wall thickness 2.4 mm #		60 x 15.0 mm			90	90
PE pipe according to EN 1519-1, EN 12201-2 and EN 12666-1, ABS according to EN 1455-1 and pipes made from SAN+PVC according to EN 1565-1								
Gypsum board/ Masonry/ Concrete	120	Diameter 32-50 mm, wall thickness 3.0-4.6 mm	Both Sides	50 x 3.0 mm	120	120		
		Diameter 55 mm, wall thickness 3.1-5.0 mm		50 x 3.2 mm				
		Diameter 63 mm, wall thickness 3.1-5.7 mm		50 x 3.6 mm				
		Diameter 75 mm, wall thickness 3.2-6.8 mm		50 x 4.2 mm				
		Diameter 82 mm, wall thickness 3.2-7.5 mm		50 x 4.6 mm				
		Diameter 90 mm, wall thickness 3.3-8.2 mm		50 x 5.0 mm				
		Diameter 110 mm, wall thickness 3.4-10.0 mm		50 x 6.0 mm				
		Diameter 110 mm, wall thickness 3.4 mm		50 x 6.0 mm			120	120
		Diameter 125 mm, wall thickness 3.9-9.8 mm		60 x 8.8 mm				
		Diameter 140 mm, wall thickness 4.4-9.7 mm		60 x 11.5 mm				
		Diameter 160 mm, wall thickness 4.9-9.5 mm		60 x 15.0 mm				
		Diameter 125 mm, wall thickness 3.9-5.3 mm		60 x 8.8 mm			120	120
		Diameter 140 mm, wall thickness 4.3-7.1 mm		60 x 11.5 mm				
		PP pipe according to DIN 8077/8078						
Gypsum board/ Masonry/ Concrete	120	Diameter 32-50 mm, wall thickness 2.9-4.6 mm	Both Sides	50 x 3.0 mm	120	120		
		Diameter 55 mm, wall thickness 2.9-5.0 mm		50 x 3.2 mm				
		Diameter 63 mm, wall thickness 2.9-5.7 mm		50 x 3.6 mm				
		Diameter 75 mm, wall thickness 2.8-6.8 mm		50 x 4.2 mm				
		Diameter 82 mm, wall thickness 2.8-7.5 mm		50 x 4.6 mm				
		Diameter 90 mm, wall thickness 2.8-8.2 mm		50 x 5.0 mm				
		Diameter 110 mm, wall thickness 2.7-10 mm		50 x 6.0 mm				
		Diameter 125 mm, wall thickness 3.3-11.3 mm		60 x 8.8 mm				
		Diameter 140 mm, wall thickness 4.0-12.8 mm		60 x 11.5 mm			120	90
		Diameter 160 mm, wall thickness 4.9-14.6 mm		60 x 15.0 mm			120	120

All pipe classifications are pipe end configuration C/C only - C=Capped
 #Pipe fitted at 45° to the face of the partition in a horizontal plane



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SikaSeal-627 Fire Collar+: Service Penetration Seals in Masonry Walls						
Substrate	Minimum Wall Thickness (mm)	Penetrating Services	Seal Position	Collar Inlay	Fire Resistance (mins.)	
					E	EI
PVC-U pipe according to EN 1329-1, EN 1452-1 and EN 1453-1 and PVC-C according to EN 1566-1						
Masonry/ Concrete	150	Diameter 32 mm, wall thickness 2.0-3.7 mm**	Both Sides	50 x 3.0 mm	240	180
		Diameter 40 mm, wall thickness 2.0-3.7 mm**				
		Diameter 50 mm, wall thickness 2.0-3.7 mm**				
		Diameter 55 mm, wall thickness 2.1-3.9 mm**		50 x 3.2 mm	180	180
		Diameter 63 mm, wall thickness 2.2-4.3 mm**				
		Diameter 75 mm, wall thickness 2.3-4.9 mm**				
		Diameter 82 mm, wall thickness 2.4-5.2 mm**				
		Diameter 90 mm, wall thickness 2.5-5.6 mm**		50 x 4.6 mm	180	180
		Diameter 110 mm, wall thickness 2.7-6.6 mm**				
		Diameter 125 mm, wall thickness 3.1-7.5 mm**				
		Diameter 140 mm, wall thickness 3.5-8.4 mm**		60 x 8.8 mm	240	240
		Diameter 160 mm, wall thickness 4.0-9.5 mm**				
		Diameter 160 mm, wall thickness 4.0-9.5 mm**		60 x 11.5 mm	240	240
Diameter 315 mm, wall thickness 9.2 mm~						
PE pipe according to EN 1519-1, EN 12201-2 and EN 12666-1, ABS according to EN 1455-1 and pipes made from SAN+PVC according to EN 1565-1						
Masonry/ Concrete	150	Diameter 32 mm, wall thickness 3.0-4.6 mm**	Both Sides	50 x 3.0 mm	240	240
		Diameter 40 mm, wall thickness 3.0-4.6 mm**				
		Diameter 50 mm, wall thickness 3.0-4.6 mm**				
		Diameter 55 mm, wall thickness 3.1-4.5 mm**		50 x 3.2 mm	240	180
		Diameter 63 mm, wall thickness 3.1-4.3 mm**				
		Diameter 75 mm, wall thickness 3.2-4.1 mm**				
		Diameter 82 mm, wall thickness 3.3-3.9 mm**				
		Diameter 90 mm, wall thickness 3.3-3.8 mm**		50 x 4.6 mm	240	180
		Diameter 110 mm, wall thickness 3.4 mm**				
		Diameter 125 mm, wall thickness 3.9-5.2 mm**				
		Diameter 140 mm, wall thickness 4.3-7.0 mm**		60 x 9.0 mm	180	180
		Diameter 160 mm, wall thickness 4.9-9.5 mm**				
		Diameter 200 mm, wall thickness 18.2 mm~		60 x 11.5 mm	180	180
		Diameter 250 mm, wall thickness 22.7 mm~				
		Diameter 55 mm, wall thickness 3.1-4.8 mm*		75 x 10.8 mm	60	60
		Diameter 63 mm, wall thickness 3.1-5.0 mm*				
		Diameter 75 mm, wall thickness 3.2-5.4 mm*		75 x 12.6 mm	120	90
		Diameter 82 mm, wall thickness 3.2-5.7 mm*				
		Diameter 90 mm, wall thickness 3.3-5.9 mm*		50 x 3.2 mm	180	120
		Diameter 110 mm, wall thickness 3.4-6.6 mm*				
		Diameter 125 mm, wall thickness 3.8-7.5 mm*				
		Diameter 140 mm, wall thickness 4.3-8.3 mm*		50 x 3.6 mm	180	120
				50 x 4.2 mm	180	120
	50 x 4.6 mm	180	120			
	50 x 5.0 mm	180	120			
	50 x 6.0 mm	180	120			
	60 x 9.0 mm	180	120			
	60 x 11.5 mm	180	120			

All pipe classifications marked '*' are pipe end configuration U/C and C/C - U=Uncapped, C=Capped
 All pipe classifications marked '**' are pipe end configuration U/U, C/U, U/C and C/C - U=Uncapped, C=Capped
 All pipe classifications marked '~' are pipe end configuration C/C only - C=Capped



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SikaSeal-627 Fire Collar+: Service Penetration Seals in Masonry Walls						
Substrate	Minimum Wall Thickness (mm)	Penetrating Services	Seal Position	Collar Inlay	Fire Resistance (mins.)	
					E	EI
PP pipe according to EN 1451-1						
Masonry/ Concrete	150	Diameter 32 mm, wall thickness 1.6-5.5 mm*	Both Sides	30 x 3.0 mm	240	240
		Diameter 40 mm, wall thickness 1.6-5.5 mm*				
		Diameter 50 mm, wall thickness 1.6-5.5 mm*				
		Diameter 55 mm, wall thickness 1.7-5.9 mm*				
		Diameter 63 mm, wall thickness 1.8-6.5 mm*				
		Diameter 75 mm, wall thickness 2.1-7.3 mm*				
		Diameter 82 mm, wall thickness 2.2-7.9 mm*				
		Diameter 90 mm, wall thickness 2.3-8.5 mm*				
		Diameter 110 mm, wall thickness 2.7-10.0 mm*				
		Diameter 125 mm, wall thickness 3.3-11.4 mm*				
		Diameter 140 mm, wall thickness 4.0-12.8 mm*				
		Diameter 160 mm, wall thickness 4.9-14.6 mm*				
		Diameter 32 mm, wall thickness 1.6-5.5 mm**		30 x 3.0 mm	240	240
		Diameter 40 mm, wall thickness 1.6-5.5 mm**				
		Diameter 50 mm, wall thickness 1.6-5.5 mm**				
		Diameter 50 mm, wall thickness 1.6-5.5 mm**				
		Diameter 55 mm, wall thickness 1.7-5.9 mm**				
		Diameter 63 mm, wall thickness 1.8-6.5 mm**				
		Diameter 75 mm, wall thickness 2.1-7.3 mm**				
		Diameter 82 mm, wall thickness 2.2-7.9 mm**				
		Diameter 90 mm, wall thickness 2.3-8.5 mm**				
		Diameter 110 mm, wall thickness 2.7-10.0 mm**				
		Diameter 55 mm, wall thickness 1.7-5.6 mm**				
		Diameter 63 mm, wall thickness 1.8-5.7 mm**				
		Diameter 75 mm, wall thickness 2.0-5.9 mm**				
		Diameter 82 mm, wall thickness 2.1-6.0 mm**				
		Diameter 90 mm, wall thickness 2.3-6.1 mm**				
		Diameter 110 mm, wall thickness 2.7-6.3 mm**				
		Diameter 110 mm, wall thickness 2.7-10.0 mm**				
		Diameter 125 mm, wall thickness 3.3-11.4 mm**				
		Diameter 140 mm, wall thickness 4.0-12.8 mm**				
		Diameter 160 mm, wall thickness 4.9-14.6 mm**				
Diameter 55 mm, wall thickness 1.7-5.6 mm**	50 x 3.2 mm	240	60			
Diameter 63 mm, wall thickness 1.8-5.7 mm**						
Diameter 75 mm, wall thickness 2.0-5.9 mm**						
Diameter 82 mm, wall thickness 2.1-6.0 mm**						
Diameter 90 mm, wall thickness 2.3-6.1 mm**						
Diameter 110 mm, wall thickness 2.7-6.3 mm**						
Diameter 110 mm, wall thickness 2.7-10.0 mm**						
Diameter 125 mm, wall thickness 3.3-11.4 mm**						
Diameter 140 mm, wall thickness 4.0-12.8 mm**						
Diameter 160 mm, wall thickness 4.9-14.6 mm**						
Diameter 55 mm, wall thickness 1.7-5.6 mm**				50 x 3.6 mm	240	90
Diameter 63 mm, wall thickness 1.8-5.7 mm**						
Diameter 75 mm, wall thickness 2.0-5.9 mm**						
Diameter 82 mm, wall thickness 2.1-6.0 mm**						
Diameter 90 mm, wall thickness 2.3-6.1 mm**						
Diameter 110 mm, wall thickness 2.7-6.3 mm**						
Diameter 110 mm, wall thickness 2.7-10.0 mm**						
Diameter 125 mm, wall thickness 3.3-11.4 mm**						
Diameter 140 mm, wall thickness 4.0-12.8 mm**						
Diameter 160 mm, wall thickness 4.9-14.6 mm**						
Diameter 55 mm, wall thickness 1.7-5.6 mm**	50 x 4.2 mm	240	60			
Diameter 63 mm, wall thickness 1.8-5.7 mm**						
Diameter 75 mm, wall thickness 2.0-5.9 mm**						
Diameter 82 mm, wall thickness 2.1-6.0 mm**						
Diameter 90 mm, wall thickness 2.3-6.1 mm**						
Diameter 110 mm, wall thickness 2.7-6.3 mm**						
Diameter 110 mm, wall thickness 2.7-10.0 mm**						
Diameter 125 mm, wall thickness 3.3-11.4 mm**						
Diameter 140 mm, wall thickness 4.0-12.8 mm**						
Diameter 160 mm, wall thickness 4.9-14.6 mm**						
Diameter 55 mm, wall thickness 1.7-5.6 mm**				50 x 4.6 mm	240	60
Diameter 63 mm, wall thickness 1.8-5.7 mm**						
Diameter 75 mm, wall thickness 2.0-5.9 mm**						
Diameter 82 mm, wall thickness 2.1-6.0 mm**						
Diameter 90 mm, wall thickness 2.3-6.1 mm**						
Diameter 110 mm, wall thickness 2.7-6.3 mm**						
Diameter 110 mm, wall thickness 2.7-10.0 mm**						
Diameter 125 mm, wall thickness 3.3-11.4 mm**						
Diameter 140 mm, wall thickness 4.0-12.8 mm**						
Diameter 160 mm, wall thickness 4.9-14.6 mm**						
Diameter 55 mm, wall thickness 1.7-5.6 mm**	50 x 5.0 mm	240	180			
Diameter 63 mm, wall thickness 1.8-5.7 mm**						
Diameter 75 mm, wall thickness 2.0-5.9 mm**						
Diameter 82 mm, wall thickness 2.1-6.0 mm**						
Diameter 90 mm, wall thickness 2.3-6.1 mm**						
Diameter 110 mm, wall thickness 2.7-6.3 mm**						
Diameter 110 mm, wall thickness 2.7-10.0 mm**						
Diameter 125 mm, wall thickness 3.3-11.4 mm**						
Diameter 140 mm, wall thickness 4.0-12.8 mm**						
Diameter 160 mm, wall thickness 4.9-14.6 mm**						
Diameter 55 mm, wall thickness 1.7-5.6 mm**				60 x 9.0 mm	240	180
Diameter 63 mm, wall thickness 1.8-5.7 mm**						
Diameter 75 mm, wall thickness 2.0-5.9 mm**						
Diameter 82 mm, wall thickness 2.1-6.0 mm**						
Diameter 90 mm, wall thickness 2.3-6.1 mm**						
Diameter 110 mm, wall thickness 2.7-6.3 mm**						
Diameter 110 mm, wall thickness 2.7-10.0 mm**						
Diameter 125 mm, wall thickness 3.3-11.4 mm**						
Diameter 140 mm, wall thickness 4.0-12.8 mm**						
Diameter 160 mm, wall thickness 4.9-14.6 mm**						
Diameter 55 mm, wall thickness 1.7-5.6 mm**	60 x 11.5 mm	240	180			
Diameter 63 mm, wall thickness 1.8-5.7 mm**						
Diameter 75 mm, wall thickness 2.0-5.9 mm**						
Diameter 82 mm, wall thickness 2.1-6.0 mm**						
Diameter 90 mm, wall thickness 2.3-6.1 mm**						
Diameter 110 mm, wall thickness 2.7-6.3 mm**						
Diameter 110 mm, wall thickness 2.7-10.0 mm**						
Diameter 125 mm, wall thickness 3.3-11.4 mm**						
Diameter 140 mm, wall thickness 4.0-12.8 mm**						
Diameter 160 mm, wall thickness 4.9-14.6 mm**						
Diameter 55 mm, wall thickness 1.7-5.6 mm**				60 x 15.0 mm	240	180
Diameter 63 mm, wall thickness 1.8-5.7 mm**						
Diameter 75 mm, wall thickness 2.0-5.9 mm**						
Diameter 82 mm, wall thickness 2.1-6.0 mm**						
Diameter 90 mm, wall thickness 2.3-6.1 mm**						
Diameter 110 mm, wall thickness 2.7-6.3 mm**						
Diameter 110 mm, wall thickness 2.7-10.0 mm**						
Diameter 125 mm, wall thickness 3.3-11.4 mm**						
Diameter 140 mm, wall thickness 4.0-12.8 mm**						
Diameter 160 mm, wall thickness 4.9-14.6 mm**						

All pipe classifications marked '*' are pipe end configuration U/C and C/C - U=Uncapped, C=Capped
 All pipe classifications marked '**' are pipe end configuration U/U, C/U, U/C and C/C - U=Uncapped, C=Capped



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SikaSeal-627 Fire Collar+: Service Penetration Seals in Masonry Walls						
Substrate	Minimum Wall Thickness (mm)	Penetrating Services	Seal Position	Collar Inlay	Fire Resistance (mins.)	
					E	EI
PVC-U pipe according to EN 1329-1, EN 1452-1 and EN 1453-1 and PVC-C according to EN 1566-1						
Masonry/ Concrete	150	Diameter 32 mm, wall thickness 2.4-3.7 mm	Fitted to either side of wall	50 x 3.0 mm	240	180
		Diameter 40 mm, wall thickness 2.4-3.7 mm				
		Diameter 50 mm, wall thickness 2.4-3.7 mm				
		Diameter 55 mm, wall thickness 2.5-3.9 mm		180	120	
		Diameter 63 mm, wall thickness 2.6-4.3 mm				
		Diameter 75 mm, wall thickness 2.7-4.9 mm				
		Diameter 82 mm, wall thickness 2.8-5.2 mm				
		Diameter 90 mm, wall thickness 2.9-5.6 mm				
		Diameter 110 mm, wall thickness 3.2-6.6 mm				
		Diameter 125 mm, wall thickness 3.4-7.5 mm		120	120	
		Diameter 140 mm, wall thickness 3.7-8.3 mm				
		Diameter 160 mm, wall thickness 4.0-9.5 mm				
PE pipe according to EN 1519-1, EN 12201-2 and EN 12666-1, ABS according to EN 1455-1 and pipes made from SAN+PVC according to EN 1565-1						
Masonry/ Concrete	150	Diameter 32 mm, wall thickness 3.0-4.6 mm	Fitted to either side of wall	50 x 3.0 mm	180	120
		Diameter 40 mm, wall thickness 3.0-4.6 mm				
		Diameter 50 mm, wall thickness 3.0-4.6 mm				
		Diameter 55 mm, wall thickness 3.1-4.5 mm		90	90	
		Diameter 63 mm, wall thickness 3.1-4.3 mm				
		Diameter 75 mm, wall thickness 3.2-4.1 mm				
		Diameter 82 mm, wall thickness 3.3-3.9 mm				
		Diameter 90 mm, wall thickness 3.3-3.8 mm				
		Diameter 110 mm, wall thickness 3.4 mm				
PP pipe according to EN 1451-1						
Masonry/ Concrete	150	Diameter 32 mm, wall thickness 2.0-4.6 mm	Fitted to either side of wall	50 x 3.0 mm	90	90
		Diameter 40 mm, wall thickness 2.0-4.6 mm				
		Diameter 50 mm, wall thickness 2.0-4.6 mm				

All pipe classifications are pipe end configuration U/C and C/C - U=Uncapped, C=Capped



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SikaSeal-627 Fire Collar+: Service Penetration Seals in Floors						
Substrate	Minimum Wall Thickness (mm)	Penetrating Services	Seal Position	Collar Inlay	Fire Resistance (mins.)	
					E	EI
PVC-U pipe according to EN 1329-1, EN 1452-1 and EN 1453-1 and PVC-C according to EN 1566-1						
Concrete	150	Diameter 32 mm, wall thickness 1.9-3.7 mm**	Fitted to soffit of floor	30 x 3.0 mm	90	60
		Diameter 40 mm, wall thickness 1.9-3.7 mm**				
		Diameter 50 mm, wall thickness 2.0-3.7 mm**				
		Diameter 55 mm, wall thickness 2.1-3.9 mm**				
		Diameter 63 mm, wall thickness 2.2-4.3 mm**		30 x 3.2 mm	60	60
		Diameter 75 mm, wall thickness 2.5-4.9 mm**		30 x 3.6 mm		
		Diameter 82 mm, wall thickness 2.6-5.2 mm**		30 x 4.2 mm		
		Diameter 90 mm, wall thickness 2.8-5.6 mm**		30 x 4.6 mm		
		Diameter 110 mm, wall thickness 3.2-6.6 mm**		30 x 5.0 mm		
		Diameter 32 mm, wall thickness 2.0-3.7 mm*		30 x 6.0 mm		
		Diameter 40 mm, wall thickness 2.0-3.7 mm*		50 x 3.0 mm	120	120
		Diameter 50 mm, wall thickness 2.0-3.7 mm*				
		Diameter 55 mm, wall thickness 2.4-3.9 mm*				
		Diameter 63 mm, wall thickness 3.0-4.3 mm*				
		Diameter 75 mm, wall thickness 3.8-4.8 mm*				
		Diameter 82 mm, wall thickness 4.3-5.1 mm*				
		Diameter 90 mm, wall thickness 4.9-5.4 mm*		50 x 3.0 mm	120	90
		Diameter 110 mm, wall thickness 6.3 mm*				
		Diameter 50 mm, wall thickness 2.0-3.7 mm*				
		Diameter 55 mm, wall thickness 2.1-4.0 mm*				
		Diameter 63 mm, wall thickness 2.2-4.4 mm*				
		Diameter 75 mm, wall thickness 2.4-5.0 mm*				
		Diameter 82 mm, wall thickness 2.4-5.4 mm*		50 x 3.0 mm	120	90
		Diameter 90 mm, wall thickness 2.5-5.8 mm*				
		Diameter 110 mm, wall thickness 2.7-6.9 mm*				
		Diameter 125 mm, wall thickness 2.9-7.6 mm*				
		Diameter 140 mm, wall thickness 3.0-8.4 mm*				
		Diameter 160 mm, wall thickness 3.2-9.5 mm*				
		Diameter 160 mm, wall thickness 3.2-9.5 mm*		50 x 15.0 mm	180	90
		Diameter 110 mm, wall thickness 6.3 mm*		60 x 6.0 mm		
		Diameter 125 mm, wall thickness 5.6-7.3 mm*		60 x 9.0 mm	120	120
		Diameter 140 mm, wall thickness 5.0-8.2 mm*		60 x 11.5 mm		
		Diameter 160 mm, wall thickness 4.0-9.5 mm*		60 x 15.0 mm		
		Diameter 110 mm, wall thickness 2.7-6.3 mm*		60 x 6.0 mm		
		Diameter 125 mm, wall thickness 2.8-7.2 mm*		60 x 8.7 mm	60	60
		Diameter 140 mm, wall thickness 3.0-8.2 mm*		60 x 11.4 mm		
		Diameter 160 mm, wall thickness 3.2-9.5 mm*		60 x 15.0 mm		

All pipe classifications marked "*" are pipe end configuration U/C and C/C - U=Uncapped, C=Capped
 All pipe classifications marked "**" are pipe end configuration U/U, C/U, U/C and C/C - U=Uncapped, C=Capped



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SikaSeal-627 Fire Collar+: Service Penetration Seals in Floors								
Substrate	Minimum Wall Thickness (mm)	Penetrating Services	Seal Position	Collar Inlay	Fire Resistance (mins.)			
					E	EI		
PVC-U pipe according to EN 1329-1, EN 1452-1 and EN 1453-1 and PVC-C according to EN 1566-1								
Concrete	150	Diameter 110 mm, wall thickness 3.2-6.6 mm**	Fitted to soffit of floor	60 x 6.0 mm	60	60		
		Diameter 125 mm, wall thickness 3.2-7.4 mm**		60 x 8.7 mm				
		Diameter 140 mm, wall thickness 3.2-8.3 mm**		60 x 11.4 mm				
		Diameter 160 mm, wall thickness 3.2-9.5 mm**		60 x 15.0 mm				
		Diameter 110 mm, wall thickness 2.7-6.6 mm~		50 x 6.0 mm				
		Diameter 125 mm, wall thickness 2.8-7.4 mm~		60 x 8.7 mm				
		Diameter 140 mm, wall thickness 3.0-8.3 mm~		60 x 11.4 mm				
		Diameter 160 mm, wall thickness 3.2-9.5 mm~		60 x 15.0 mm				
PE pipe according to EN 1519-1, EN 12201-2 and EN 12666-1, ABS according to EN 1455-1 and pipes made from SAN+PVC according to EN 1565-1								
Concrete	150	Diameter 32 mm, wall thickness 3.0-4.6 mm**	Fitted to soffit of floor	30 x 3.0 mm	60	60		
		Diameter 40 mm, wall thickness 3.0-4.6 mm**						
		Diameter 50 mm, wall thickness 3.0-4.6 mm**						
		Diameter 110 mm, wall thickness 10.0 mm*					30 x 6.0 mm	180
		Diameter 55 mm, wall thickness 3.0-5.2 mm**		30 x 3.2 mm	60	60		
		Diameter 63 mm, wall thickness 3.0-5.9 mm*		30 x 3.6 mm				
		Diameter 75 mm, wall thickness 3.1-6.9 mm*		30 x 4.2 mm				
		Diameter 82 mm, wall thickness 3.1-7.6 mm*		30 x 4.6 mm				
		Diameter 90 mm, wall thickness 3.2-8.3 mm*		30 x 5.0 mm				
		Diameter 110 mm, wall thickness 3.4-10.0 mm*		30 x 6.0 mm				
		Diameter 32-40 mm, wall thickness 3.0-4.6 mm**		50 x 3.0 mm			240	240
		Diameter 50 mm, wall thickness 3.0-4.6 mm**		50 x 3.2 mm				
		Diameter 32-40 mm, wall thickness 3.0 mm**		50 x 3.0 mm				
		Diameter 50 mm, wall thickness 3.0 mm**		50 x 3.2 mm				
		Diameter 50 mm, wall thickness 3.0-4.6 mm**		50 x 3.0 mm	60	60		
		Diameter 55 mm, wall thickness 3.1-5.1 mm**		50 x 3.2 mm				
		Diameter 63 mm, wall thickness 3.1-5.8 mm**		50 x 3.6 mm				
		Diameter 75 mm, wall thickness 3.2-6.9 mm**		50 x 4.2 mm				
		Diameter 82 mm, wall thickness 3.3-7.5 mm**		50 x 4.6 mm				
		Diameter 90 mm, wall thickness 3.3-8.2 mm**		50 x 5.0 mm				
		Diameter 110 mm, wall thickness 3.4-10.0 mm**		50 x 6.0 mm				
		Diameter 110 mm, wall thickness 3.4-10.0 mm**		60 x 6.0 mm				
		Diameter 125 mm, wall thickness 3.9-11.3 mm**		60 x 8.8 mm				
		Diameter 140 mm, wall thickness 4.3-12.7 mm**		60 x 11.5 mm				
		Diameter 160 mm, wall thickness 4.9-14.6 mm**		60 x 15.0 mm				

All pipe classifications marked ‘*’ are pipe end configuration U/C and C/C - U=Uncapped, C=Capped
 All pipe classifications marked ‘**’ are pipe end configuration U/U, C/U, U/C and C/C - U=Uncapped, C=Capped
 All pipe classifications marked ‘~’ are pipe end configuration C/U, U/C and C/C - U=Uncapped, C=Capped



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SikaSeal-627 Fire Collar+: Service Penetration Seals in Floors						
Substrate	Minimum Wall Thickness (mm)	Penetrating Services	Seal Position	Collar Inlay	Fire Resistance (mins.)	
					E	EI
PE pipe according to EN 1519-1, EN 12201-2 and EN 12666-1, ABS according to EN 1455-1 and pipes made from SAN+PVC according to EN 1565-1						
Concrete	150	Diameter 32 mm, wall thickness 3.0-4.6 mm*	Fitted to soffit of floor	50 x 3.0 mm	120	120
		Diameter 40 mm, wall thickness 3.0-4.6 mm*				
		Diameter 50 mm, wall thickness 3.0-4.6 mm*				
		Diameter 55 mm, wall thickness 3.1-5.0 mm*				
		Diameter 63 mm, wall thickness 3.1-5.8 mm*				
		Diameter 75 mm, wall thickness 3.2-6.9 mm*				
		Diameter 82 mm, wall thickness 3.3-7.5 mm*				
		Diameter 90 mm, wall thickness 3.3-8.2 mm*				
		Diameter 110 mm, wall thickness 3.4-10.0 mm*				
		Diameter 125 mm, wall thickness 3.9-11.3 mm*				
		Diameter 140 mm, wall thickness 4.4-12.7 mm*				
		Diameter 160 mm, wall thickness 4.9-14.7 mm*				
		PP pipe according to EN 1451-1				
Concrete	150	Diameter 32 mm, wall thickness 1.8-4.6 mm**	Fitted to soffit of floor	30 x 3.0 mm	120	120
		Diameter 40 mm, wall thickness 1.8-4.6 mm**				
		Diameter 50 mm, wall thickness 1.8-4.6 mm**				
		Diameter 55 mm, wall thickness 2.0-4.8 mm*				
		Diameter 63 mm, wall thickness 2.3-5.5 mm*				
		Diameter 75 mm, wall thickness 2.8-5.4 mm*				
		Diameter 82 mm, wall thickness 3.1-5.6 mm*				
		Diameter 90 mm, wall thickness 3.4-5.9 mm*				
		Diameter 110 mm, wall thickness 4.2-6.6 mm*				
		Diameter 50 mm, wall thickness 2.9 mm**				
		Diameter 50 mm, wall thickness 1.8-4.6 mm**				
		Diameter 55 mm, wall thickness 1.9-4.8 mm**				
		Diameter 63 mm, wall thickness 2.0-5.0 mm**				
		Diameter 75 mm, wall thickness 2.2-5.4 mm**				
		Diameter 82 mm, wall thickness 2.3-5.6 mm**				
		Diameter 90 mm, wall thickness 2.4-5.9 mm**				
		Diameter 110 mm, wall thickness 2.7-6.6 mm**				
		Diameter 55 mm, wall thickness 1.9-4.8 mm*				
		Diameter 63 mm, wall thickness 2.0-5.0 mm*				
		Diameter 75 mm, wall thickness 2.2-5.4 mm*				
		Diameter 82 mm, wall thickness 2.3-5.6 mm*				
		Diameter 90 mm, wall thickness 2.4-5.9 mm*				
		Diameter 110 mm, wall thickness 2.7-6.6 mm*				

All pipe classifications marked '*' are pipe end configuration U/C and C/C - U=Uncapped, C=Capped
 All pipe classifications marked '**' are pipe end configuration U/U, C/U, U/C and C/C - U=Uncapped, C=Capped



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SikaSeal-627 Fire Collar+: Service Penetration Seals in Floors								
Substrate	Minimum Wall Thickness (mm)	Penetrating Services	Seal Position	Collar Inlay	Fire Resistance (mins.)			
					E	EI		
PP pipe according to EN 1451-1								
Concrete	150	Diameter 50 mm, wall thickness 1.8-4.6 mm*	Fitted to soffit of floor	30 x 3.0 mm	60	60		
		Diameter 55 mm, wall thickness 1.9-5.1 mm*		50 x 3.2 mm				
		Diameter 63 mm, wall thickness 2.0-5.8 mm*		50 x 3.6 mm				
		Diameter 75 mm, wall thickness 2.2-6.9 mm*		50 x 4.2 mm				
		Diameter 82 mm, wall thickness 2.3-7.5 mm*		50 x 4.6 mm				
		Diameter 90 mm, wall thickness 2.5-8.2 mm*		50 x 5.0 mm				
		Diameter 110 mm, wall thickness 2.7-10.1 mm*		50 x 6.0 mm				
		Diameter 125 mm, wall thickness 4.7-11.4 mm*		50 x 8.8 mm				
		Diameter 140 mm, wall thickness 6.8-12.8 mm*		50 x 11.5 mm				
		Diameter 160 mm, wall thickness 9.5-14.6 mm*		50 x 15.0 mm				
		Diameter 110 mm, wall thickness 2.7-6.6 mm*		60 x 6.0 mm			120	120
		Diameter 125 mm, wall thickness 3.4-8.9 mm*		60 x 8.8 mm				
		Diameter 140 mm, wall thickness 4.1-11.2 mm*		60 x 11.5 mm				
		Diameter 160 mm, wall thickness 4.9-14.6 mm*		60 x 15.0 mm			180	180
		Diameter 110 mm, wall thickness 2.7-6.6 mm**		50 x 6.0 mm			60	60
		Diameter 125 mm, wall thickness 3.6-8.9 mm**		60 x 8.8 mm				
		Diameter 140 mm, wall thickness 4.7-11.3 mm**		60 x 11.5 mm				
Diameter 160 mm, wall thickness 6.2-14.7 mm**	60 x 15.0 mm							
Diameter 160 mm, wall thickness 6.2 mm**	60 x 15.0 mm	90	90					
Wavin SiTech + PP-M B according to EN 13501-1								
Concrete	150	32-40 mm diameter/ 1.8 mm wall thickness**	Fitted to soffit of floor	50 x 3.0 mm	240	240		
		50 mm diameter/ 1.8 mm wall thickness**		50 x 3.2 mm				
		75 mm diameter/ 1.8-2.5 mm wall thickness~		50 x 4.2 mm				
		90 mm diameter/ 1.8-2.9 mm wall thickness~		50 x 5.0 mm				
		110 mm diameter/ 1.8-3.4 mm wall thickness~		50 x 6.0 mm				
Aquatherm Green SDR9 MF PP-RP according to ISO 21003								
Concrete	150	32 mm diameter/3.6-5.6 mm wall thickness^	Fitted to soffit of floor	30 x 3.0 mm	240	240		
		40 mm diameter/3.6-5.6 mm wall thickness^		50 x 3.0 mm				
		50 mm diameter/3.6-5.6 mm wall thickness^		50 x 3.2 mm				
		63 diameter/5.6-12.3 mm wall thickness^		50 x 3.6 mm				
		75 diameter/4.4-8.4 mm wall thickness^		50 x 4.2 mm				
		90 diameter/4.9-10.0 mm wall thickness^		50 x 5.0 mm				
		110 diameter/5.6-12.3 mm wall thickness^		50 x 6.0 mm			120	120

All pipe classifications marked '*' are pipe end configuration U/C and C/C - U=Uncapped, C=Capped
 All pipe classifications marked '**' are pipe end configuration U/U, C/U, U/C and C/C - U=Uncapped, C=Capped
 All pipe classifications marked '~' are pipe end configuration C/U, U/C and C/C - U=Uncapped, C=Capped
 All pipe classifications marked '^' are pipe end configuration C/C - U=Uncapped, C=Capped



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SikaSeal-627 Fire Collar+: Service Penetration Seals in Floors						
Substrate	Minimum Wall Thickness (mm)	Penetrating Services	Seal Position	Collar Inlay	Fire Resistance (mins.)	
					E	EI
Geberit Silent PP according to DIN 4102						
Concrete	150	32-40 mm diameter/ 1.8 mm wall thickness**	Fitted to soffit of floor	50 x 3.0 mm	240	240
		50 mm diameter/ 1.8 mm wall thickness**		50 x 3.2 mm		
		75 mm diameter/1.8-2.4 mm wall thickness~		50 x 4.2 mm	180	180
		90 mm diameter/1.8-2.8 mm wall thickness~		50 x 5.0 mm		
		110 mm diameter/1.8-3.4 mm wall thickness~		50 x 6.0 mm		
Polo-Kal NG Poloplast PP-MV according to DIN 4102						
Concrete	150	32-40 mm diameter/1.8-2.0 mm wall thickness**	Fitted to soffit of floor	50 x 3.0 mm	240	240
		50 mm diameter/1.8-2.0 mm wall thickness**		50 x 3.2 mm		
		75 mm diameter/1.9-2.6 wall thickness~		50 x 4.2 mm		
		90 mm diameter/2.0-2.9 wall thickness~		50 x 5.0 mm		
		110 mm diameter/2.0-3.4 wall thickness~		50 x 6.0 mm		
		Diameter 125 mm, wall thickness 3.9 mm*		60 x 9.0 mm		
		Diameter 160 mm, wall thickness 4.9 mm		60 x 15 mm		
Rehau Raupiano Plus PP-DD according to DIN 4102						
Concrete	150	40 mm diameter/1.8 wall thickness**	Fitted to soffit of floor	50 x 3.0 mm	240	240
		50 mm diameter/1.8 wall thickness**		50 x 3.2 mm		
		75 mm diameter/1.8-2.2 mm wall thickness~		50 x 4.2 mm	120	120
		90 mm diameter/1.8-2.4 mm wall thickness~		50 x 5.0 mm		
		110 mm diameter/1.8-2.7mm wall thickness~		50 x 6.0 mm		
		Diameter 125 mm, wall thickness 3.1 mm~		60 x 9.0 mm	180	180
		Diameter 160 mm, wall thickness 3.9 mm		60 x 15.0 mm	240~	240*
BluePower Multilayer pipe – TR02-PP according to EN 1451-1						
Concrete	150	32-40 mm diameter/1.8 mm wall thickness**	Fitted to soffit of floor	50 x 3.0 mm	180	180
		50 mm diameter/1.8 mm wall thickness**		50 x 3.2 mm		
		75 mm diameter/1.8-3.4 mm wall thickness~		50 x 4.2 mm		
		90 mm diameter/1.8-3.4 mm wall thickness~		50 x 5.0 mm		
		110 mm diameter/1.8-3.4 mm wall thickness~		50 x 6.0 mm		
		125 mm diameter/3.4-4.9 mm wall thickness~		60 x 9.0 mm		
		160 mm diameter/3.4-4.9 mm wall thickness~		60 x 15.0 mm		
Uponor Decibel according to EN 14366						
Concrete	150	50 mm diameter/ 2.0 mm wall thickness**	Fitted to soffit of floor	50 x 3.0 mm	180	180
		75 mm diameter/ 2.6 mm wall thickness~		50 x 4.2 mm	120	120
		110 mm diameter/ 3.8 mm wall thickness~		50 x 6.0 mm		

All pipe classifications marked ‘*’ are pipe end configuration U/C and C/C - U=Uncapped, C=Capped
 All pipe classifications marked ‘**’ are pipe end configuration U/U, C/U, U/C and C/C - U=Uncapped, C=Capped
 All pipe classifications marked ‘~’ are pipe end configuration C/U, U/C and C/C - U=Uncapped, C=Capped



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SikaSeal-627 Fire Collar+: Service Penetration Seals in Floors									
Substrate	Minimum Wall Thickness (mm)	Penetrating Services	Seal Position	Collar Inlay	Fire Resistance (mins.)				
					E	EI			
PVC-U pipe according to EN 1329-1, EN 1452-1 and EN 1453-1 and PVC-C according to EN 1566-1									
Concrete	150	Diameter 32 mm, wall thickness 2.0-3.7 mm	Fitted to soffit of floor	50 x 3.0 mm	120	120			
		Diameter 40 mm, wall thickness 2.0-3.7 mm		50 x 3.2 mm					
		Diameter 50 mm, wall thickness 2.0-3.7 mm					50 x 3.6 mm		
		Diameter 55 mm, wall thickness 2.1-3.9 mm						50 x 4.2 mm	
		Diameter 63 mm, wall thickness 2.2-4.3 mm							50 x 4.6 mm
		Diameter 75 mm, wall thickness 2.3-4.8 mm							
		Diameter 82 mm, wall thickness 2.4-5.1 mm			50 x 6.0 mm				
		Diameter 90 mm, wall thickness 2.5-5.4 mm		60 x 18 mm					
		Diameter 110 mm, wall thickness 2.7-6.3 mm				75 x 24 mm			
		Up to 200 mm diameter/ 4.9-11.9 mm wall thickness					75 x 30 mm		
		Up to 250 mm diameter/ 6.1-11.9 mm wall thickness						100 x 39 mm	
		Up to 315 mm diameter/ 7.7-12.1 mm wall thickness							120
Up to 400 mm diameter/ 15.3 mm wall thickness	60	60							
PE pipe according to EN 1519-1, EN 12201-2 and EN 12666-1, ABS according to EN 1455-1 and pipes made from SAN+PVC according to EN 1565-1									
Concrete	150	Up to 200 mm diameter/ 6.2-18.2 mm wall thickness	Fitted to soffit of floor	60 x 18 mm	240	120			
		Up to 250 mm diameter/ 11.5-18.4 mm wall thickness		75 x 24 mm	240	240			
		Up to 315 mm diameter/ 18.7 mm wall thickness		75 x 30 mm					
		Up to 400 mm diameter/ 36.3 mm wall thickness		100 x 39 mm	90	90			
PP pipe according to EN 1451-1									
Concrete	150	Up to 200 mm diameter / 4.9-18.2 mm wall thickness	Fitted to soffit of floor	60 x 18 mm	120	120			
		Up to 250 mm diameter / 15.1-22.7 mm wall thickness		75 x 24 mm	60	60			
		Up to 315 mm diameter / 28.6 mm wall thickness		75 x 30 mm					
		Up to 400 mm diameter / 9.8-22.7 mm wall thickness		100 x 39 mm	30	30			

All pipe classifications are pipe end configuration C/C - U=Uncapped, C=Capped



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SikaSeal-627 Fire Collar+: Service Penetration Seals in Floors							
Substrate	Minimum Wall Thickness (mm)	Penetrating Services	Seal Position	Collar	Service Insulation	Fire Resistance (mins.)	
						E	EI
Copper pipe or mild steel							
Concrete	150	Maximum diameter 42 mm, wall thickness 0.7-14.2 mm*	Fitted to soffit of floor	Up to 63 mm collar at 50 mm height	9 mm thick Elastomeric insulation minimum class D-s3, d0	120	120
		Maximum diameter 42 mm, wall thickness 0.7-14.2 mm*		Up to 110 mm collar at 50 mm height, 125-160 mm at 60 mm height	10-50 mm thick Elastomeric insulation minimum class D-s3, d0	60	60
		Maximum diameter 54 mm, wall thickness 0.7-14.2 mm*		Up to 110 mm collar at 50 mm height	19 mm thick Elastomeric insulation minimum class B-s3, d0	120	60
Alupex pipe							
Concrete	150	Maximum diameter 75 mm, wall thickness 2.25-4.6 mm*	Fitted to soffit of floor	Up to 110 mm collar at 50 mm height	9 mm thick Elastomeric insulation minimum class D-s3, d0	120	120
				Up to 110 mm collar at 50 mm height, 125-200 mm at 60 mm height	10-50 mm thick Elastomeric insulation minimum class B-s3, d0	120	90
PE pipe according to EN 1519-1, EN 12201-2 and EN 12666-1, ABS according to EN 1455-1 and pipes made from SAN+PVC according to EN 1565-1							
Concrete	150	Maximum diameter 160 mm, wall thickness 3.0-9.5 mm*	Fitted to soffit of floor	Up to 110 mm collar at 50 mm height, 125-200 mm at 60 mm height	9 mm thick Elastomeric insulation minimum class BL-s3, d0	180	180
				Up to 110 mm collar at 50 mm height, 125-200 mm at 60 mm height, 250-315 mm at 75 mm height	10-50 mm thick Elastomeric insulation minimum class B-s3, d0	120	120
PP pipe according to EN 1451-1							
Concrete	150	Maximum diameter 160 mm, wall thickness 1.8-9.1 mm*	Fitted to soffit of floor	Up to 110 mm collar at 50 mm height, 125-200 mm at 60 mm height	9 mm thick Elastomeric insulation minimum class BL-s3, d0	180	120
				Up to 110 mm collar at 50 mm height, 125-200 mm at 60 mm height, 250-315 mm at 75 mm height	10-50 mm thick Elastomeric insulation minimum class B-s3, d0	60	60

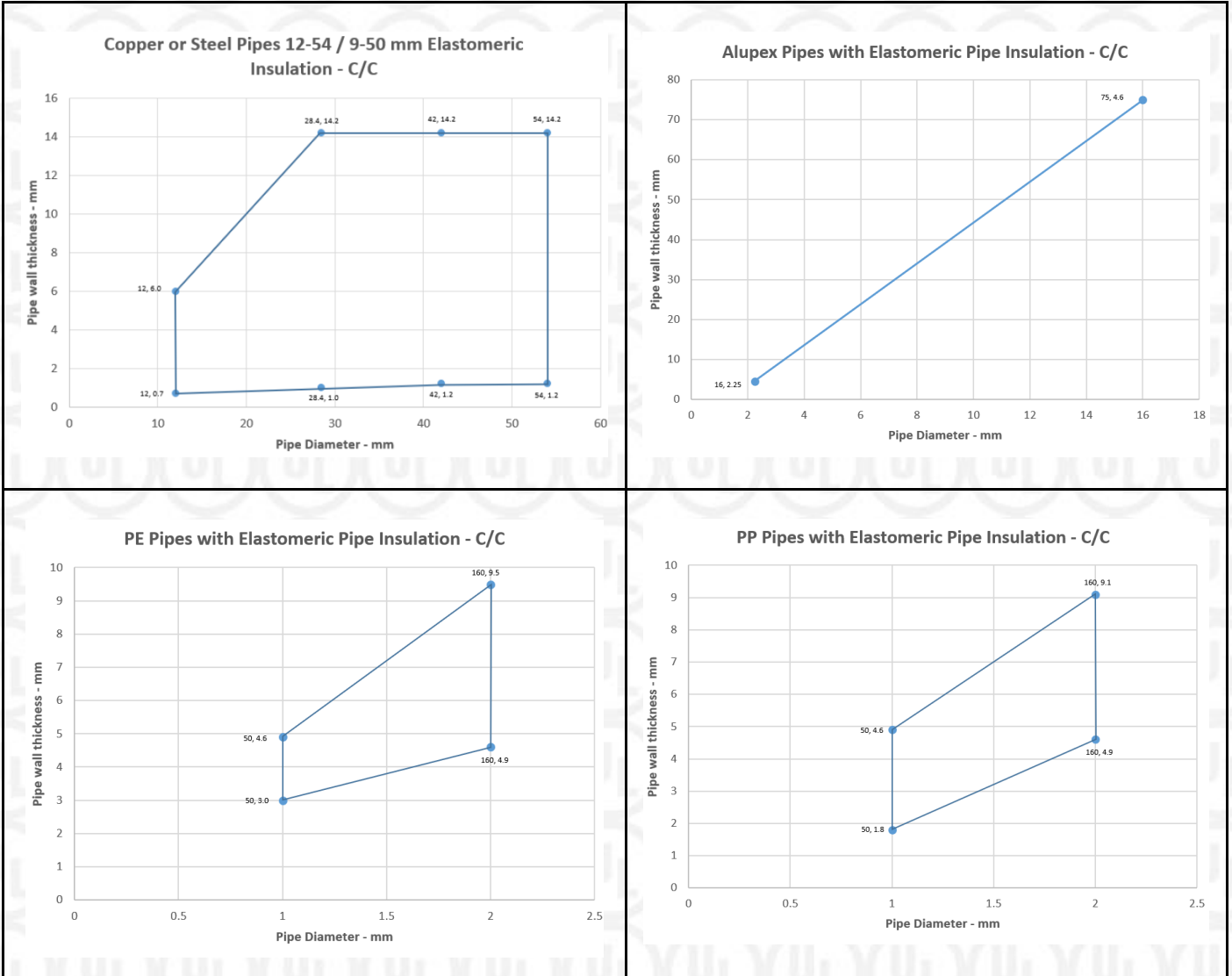
All pipe classifications are pipe end configuration C/C - U=Uncapped, C=Capped

* Typical pipe diameters shown, intermediate sizes are possible.



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SikaSeal-627 Fire Collar+: Service Penetration Seals in Floors						
Substrate	Minimum Wall Thickness (mm)	Penetrating Services	Seal Position	Collar	Fire Resistance (mins.)	
					E	EI
Concrete	150	None (blank)	Fitted to soffit of floor	Ø 55 x 30 x 3.2 mm	240	60
		None (blank)		Ø 160 x 60 x 15.0 mm	120	120
		Cables up to 21 mm Ø, in bundles up to 55 mm Ø		Ø 55 x 30 x 3.2 mm	120	120
		Cables up to 21 mm Ø, in bundles up to 100 mm Ø		Ø 110 x 50 x 6.0 mm	90	90
		Cables up to 21 mm Ø, in bundles up to 160 mm Ø		Ø 160 x 60 x 15.0 mm	180	180
		PVC pipes up to 32 mm Ø, wall thickness 1.0-2.4 mm with or without cables up to 21 mm Ø, in partial or fully filled pipe bundles up to 160 mm Ø #		Up to 110 mm collar at 50 mm height, 125-160 mm at 60 mm height	90	90
		PE pipes up to 32 mm Ø, wall thickness 2.0-3.0 mm with or without cables up to 21 mm Ø, in partial or fully filled pipe bundles up to 160 mm Ø #				
		PP pipes up to 32 mm Ø, wall thickness 1.8-4.4 mm with or without cables up to 21 mm Ø, in partial or fully filled pipe bundles up to 160 mm Ø #				
PEX pipe-in-pipe system						
Concrete	150	Diameter up to 25 mm pipes, wall thicknesses 0.6 mm outer and 2.5 mm inner pipe, in bundle up to 50 mm*	Fitted to soffit of floor	50 mm collar at 50 mm height	90	90
PVC-U pipe according to EN 1329-1, EN 1452-1 and EN 1453-1 and PVC-C according to EN 1566-1						
Concrete	150	Diameter 32 mm, wall thickness 1.9-3.7 mm	Fitted to top face of floor	50 x 3.0 mm	240	240
		Diameter 40 mm, wall thickness 1.9-3.7 mm		50 x 3.0 mm		
		Diameter 50 mm, wall thickness 1.9-3.7 mm		50 x 3.2 mm		
		Diameter 55 mm, wall thickness 2.0-4.0 mm		50 x 3.2 mm		
		Diameter 63 mm, wall thickness 2.1-4.4 mm		50 x 3.6 mm	120	120
		Diameter 75 mm, wall thickness 2.4-5.0 mm		50 x 4.2 mm		
		Diameter 82 mm, wall thickness 2.5-5.3 mm		50 x 4.6 mm		
		Diameter 90 mm, wall thickness 2.7-5.7 mm		50 x 5.0 mm		
		Diameter 110 mm, wall thickness 3.2-6.6 mm		50 x 6.0 mm	240	180
		Diameter 125 mm, wall thickness 5.0-7.5 mm		60 x 8.8 mm		
		Diameter 140 mm, wall thickness 6.9-8.3 mm		60 x 11.5 mm		
		Diameter 160 mm, wall thickness 9.5 mm		60 x 15 mm		
		Diameter 125 mm, wall thickness 4.1-7.5 mm		60 x 8.8 mm	180	90
		Diameter 140 mm, wall thickness 5.0-8.3 mm		60 x 11.5 mm		
		Diameter 160 mm, wall thickness 6.2-9.5 mm		60 x 15 mm		

All pipe classifications are pipe end configuration C/U, except those marked “*” which are C/C, or those marked “**” which are U/C (U=Uncapped, C=Capped)

PVC, PE and PP pipes can be mixed in the same bundle.



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SikaSeal-627 Fire Collar+: Service Penetration Seals in Floors						
Substrate	Minimum Wall Thickness (mm)	Penetrating Services	Seal Position	Collar Inlay	Fire Resistance (mins.)	
					E	EI
PE pipe according to EN 1519-1, EN 12201-2 and EN 12666-1, ABS according to EN 1455-1 and pipes made from SAN+PVC according to EN 1565-1						
Concrete	150	Diameter 32 mm, wall thickness 3.0-4.6 mm	Fitted to top face of floor	50 x 3.0 mm	240	240
		Diameter 40 mm, wall thickness 3.0-4.6 mm		50 x 3.0 mm		
		Diameter 50 mm, wall thickness 3.0-4.6 mm		50 x 3.2 mm		
		Diameter 55 mm, wall thickness 3.0-5.1 mm		50 x 3.2 mm	240	60
		Diameter 63 mm, wall thickness 3.0-5.8 mm		50 x 3.6 mm		
		Diameter 75 mm, wall thickness 3.1-6.9 mm		50 x 4.2 mm		
		Diameter 82 mm, wall thickness 3.2-7.5 mm		50 x 4.6 mm		
		Diameter 90 mm, wall thickness 3.2-8.2 mm		50 x 5.0 mm		
		Diameter 110 mm, wall thickness 3.4-10.0 mm		50 x 6.0 mm	60	60
		Diameter 125 mm, wall thickness 3.9-9.8 mm		60 x 8.8 mm		
		Diameter 140 mm, wall thickness 4.3-9.7 mm		60 x 11.5 mm		
		Diameter 160 mm, wall thickness 4.9-9.5 mm		60 x 15 mm		
		PP pipe according to EN 1451-1				
Concrete	150	Diameter 32 mm, wall thickness 2.9-4.6 mm	Fitted to top face of floor	50 x 3.0 mm	240	180
		Diameter 40 mm, wall thickness 2.9-4.6 mm		50 x 3.0 mm		
		Diameter 50 mm, wall thickness 2.9-4.6 mm		50 x 3.2 mm		
		Diameter 55 mm, wall thickness 3.5-5.1 mm		50 x 3.2 mm	180	90
		Diameter 63 mm, wall thickness 4.4-5.8 mm		50 x 3.6 mm		
		Diameter 75 mm, wall thickness 5.8-6.9 mm		50 x 4.2 mm		
		Diameter 82 mm, wall thickness 6.6-7.5 mm		50 x 4.6 mm		
		Diameter 90 mm, wall thickness 7.5-8.2 mm		50 x 5.0 mm		
		Diameter 110 mm, wall thickness 10.0 mm		50 x 6.0 mm	240	60
		Diameter 125 mm, wall thickness 11.3 mm		60 x 8.8 mm		
		Diameter 140 mm, wall thickness 12.7 mm		60 x 11.5 mm		
		Diameter 160 mm, wall thickness 14.6 mm		60 x 15 mm		

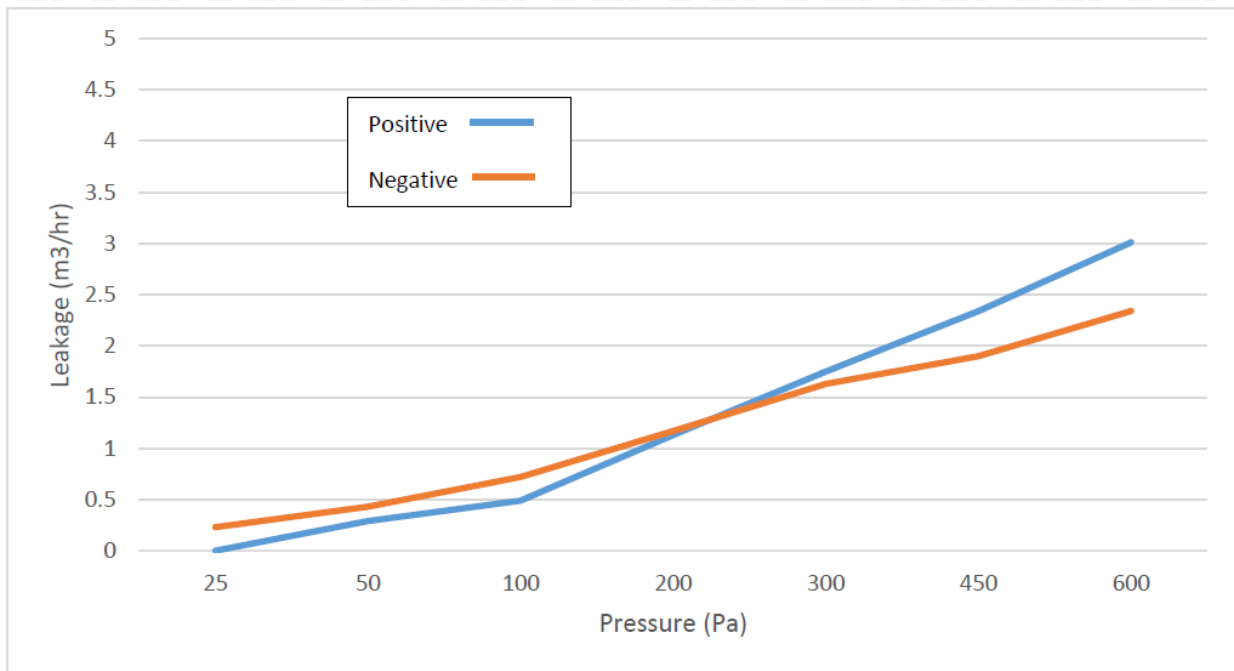
All pipe classifications are pipe end configuration U/C and C/C - U=Uncapped, C=Capped



Appendix UL-EU CERTIFICATE

Certificate No. UL-EU-01215-CPR
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Product tested	110mm SikaSeal-627 Fire Collar+ each face fixed with plasterboard anchors		
Summary of testing procedure		Result	
	Pressure (Pa)	Leakage (m ³ /h)	Leakage (m ³ /m ² /h)
Results under negative chamber pressure	25	0.23	N/A
	50	0.43	N/A
	100	0.72	N/A
	200	1.17	N/A
	300	1.63	N/A
	450	1.9	N/A
	600	2.34	N/A
Results under positive chamber pressure	25	0.2	N/A
	50	0.29	N/A
	100	0.49	N/A
	200	1.13	N/A
	300	1.75	N/A
	450	2.34	N/A
	600	3.01	N/A



Appendix UL-EU Certificate

Certification Mark	UL-EU mark
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The UL-EU Mark, as displayed below, shall appear on certified products only. Minimum size is not specified, as long as the Mark is legible. The following is suggested.



The minimum height of the registered trademark symbol ® shall be 1 mm. When the overall diameter of the UL-EU Mark is less than 9.5 mm, the trademark symbol may be omitted if it is not legible to the naked eye.

The UL-EU Mark may appear on a label, nameplate, or may be cast, stamped or molded into the product. When appearing on a label or nameplate, the Manufacturer's name or trademark along with a model number are also required on that same label or nameplate. If cast, stamped or molded, the Manufacturer's name or trademark and model number shall also appear elsewhere on the product.

All content shall be in accordance with the details provided on this UL-EU Certificate.

PROCUREMENT

The Production site may reproduce the Mark or obtain it from a UL authorized supplier. The list of UL authorized suppliers can be found on UL's online directory at www.ul.com.

