

SikaSeal®-627 Fire Collar

DECLARATION OF PERFORMANCE

No. 41052118

1	UNIQUE IDENTIFICATION CODE OF THE PRODUCT-TYPE:	41052118
2	INTENDED USE/S	ETA 18/1047/ EAD 350454-00-1104:2017 Fire stopping and fire sealing products, penetration seals
3	MANUFACTURER:	Sika Services AG Tüffenwies 16-22 8064 Zürich
4	AUTHORISED REPRESENTATIVE:	
5	SYSTEM/S OF AVCP:	System 1
6b	EUROPEAN ASSESSMENT DOCUMENT:	EAD 350454-00-1104, Edition 2017 Fire Stopping and Fire Sealing Products, Penetration Seals
	European Technical Assessment:	ETA 18/1047 of 23/01/2019
	Technical Assessment Body:	Warrington Fire Testing and Certification Limited
	Notified body/ies:	1121, 2812

Declaration of Performance

SikaSeal®-627 Fire Collar

41052118

2019.12 , ver. 02

1545

7 DECLARED PERFORMANCE/S

The assessment of fitness for use has been made in accordance with EAD 350454-00-1104

Product Type: Collar		Intended use: Pipe Closure Device
Basic requirement for construction work	Basic Requirement	Performance
BWR 1 Mechanical resistance and stability		
	None	Not relevant
BWR 2 Safety in case of fire		
EN 13501-1	Reaction to fire	Class E
EN 13501-2	Resistance to fire	Annex A
BWR 3 Hygiene, Health and the Environment		
EN 1026:2000	Air permeability	No performance determined
EAD 350454-00-1104	Water permeability	No performance determined
Declaration by manufacturer	Release of dangerous substances	Use category IA1, S/W3 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
BWR 5 Protection against noise		
EN 10140-2/ EN ISO 717-1	Airborne sound insulation	No performance determined
BWR 6 Energy, Economy and Heat Retention		
EN 12664, EN 12667 or EN 12939	Thermal properties	No performance determined
EN ISO 12572 EN12086	Water vapour permeability	No performance determined
General aspects relating to fitness for use		
EOTA TR 024:2009	Durability and serviceability	X
BWR 7 Sustainable use of natural resources		
		No performance determined

Declaration of Performance

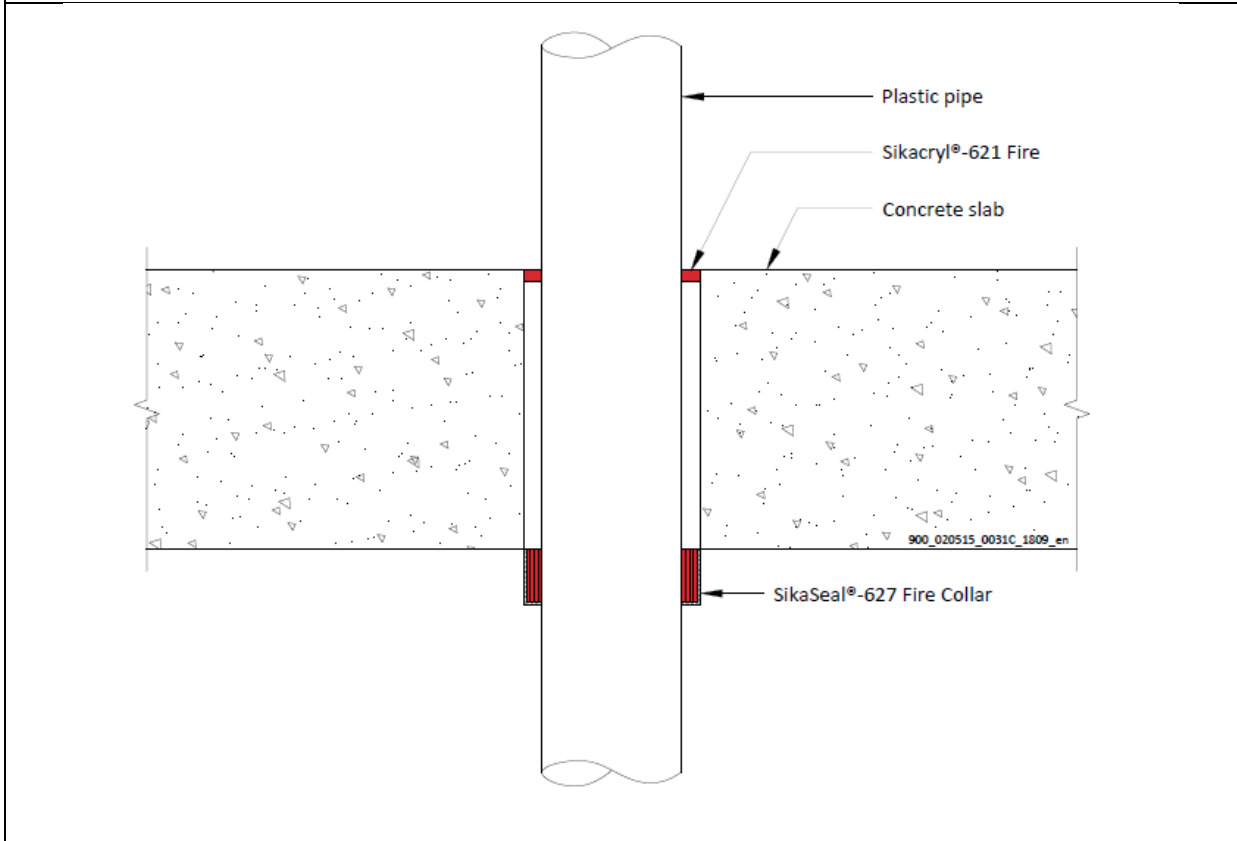
SikaSeal®-627 Fire Collar
41052118v
2019.12 , ver. 02
1545

Annex A
Resistance to Fire Classification of SikaSeal® - 627 Fire Collar

A.1 Floor construction with thickness of minimum 150 mm

A.1.1 Penetration seal with SikaSeal® - 627 Fire Collar installed on the underside of rigid floor

Construction details: Combustible pipes installed with a single SikaSeal® - 627 Fire Collar to the underside. Maximum 10 mm annular space filled with Sikacryl® - 621 Fire.



Declaration of Performance

SikaSeal®-627 Fire Collar

41052118v

2019.12 , ver. 02

1545

A.1.1.1 PVC-U pipes with SikaSeal® - 627 Fire Collar installed on the underside of rigid floor

PVC-U pipes according to EN 1452 with SikaSeal® - 627 Fire Collar.

SikaSeal® - 627 Fire Collar, Face Fixed on the Underside of Rigid Floor (min 150 mm thick) PVC-U Pipes					
Penetration Specification	Collar Reference	Intumescent Material	Annulus Space (mm)	Collar Fixing	Classification
PVC Pipe 32 mm ø 1.8 mm wall thickness	32 mm	30 mm (W) x 4 mm (T)	10	Face fixed on the underside of rigid floor with 3No. Fischer FSA Ø8 x 60mm long, with M6 hexagon head bolts	EI 240 U/C
PVC Pipe 40 mm ø 1.8 mm wall thickness	40 mm				
PVC Pipe 50 mm ø 1.8 mm wall thickness	50 mm				
PVC Pipe 55 mm ø 2.3-3.0 mm wall thickness	55 mm	30 mm (W) x 6 mm (T)			
PVC Pipe 63 mm ø 2.3-3.0 mm wall thickness	63 mm				
PVC Pipe 75 mm ø 3.1-4.8 mm wall thickness	75 mm	30 mm (W) x 8 mm (T)			
PVC Pipe 82 mm ø 3.1-4.8 mm wall thickness	82 mm				
PVC Pipe 90 mm ø 4.2-7.4 mm wall thickness	90 mm	30 mm (W) x 10 mm (T)			
PVC Pipe 100 mm ø 4.2-7.4 mm wall thickness	100 mm				
PVC Pipe 110 mm ø 4.2-7.4 mm wall thickness	110 mm				
PVC Pipe 125 mm ø 6.0 mm wall thickness	125 mm	40 mm (W) x 12 mm (T)			
PVC Pipe 140 mm ø 6.1-7.5 mm wall thickness	140 mm	40 mm (W) x 16 mm (T)			
PVC Pipe 160 mm ø 6.2-9.5 mm wall thickness	160 mm	40 mm (W) x 18 mm (T)			

Declaration of Performance

SikaSeal®-627 Fire Collar

41052118v

2019.12 , ver. 02

1545

A.1.1.2 PP pipes with SikaSeal® - 627 Fire Collar installed on the underside of rigid floor

PP pipes according to EN 1451 with SikaSeal® - 627 Fire Collar.

SikaSeal® - 627 Fire Collar, Face Fixed on the Underside of Rigid Floor (min 150 mm thick) PP Pipes					
Penetration Specification	Collar Reference	Intumescent Material	Annulus Space (mm)	Collar Fixing	Classification
PP Pipe 32 mm ø 2.9 mm wall thickness	32 mm	30 mm (W) x 4 mm (T)	10	Face fixed on the underside of rigid floor with 3No. Fischer FSA ø8 x 60mm long, with M6 hexagon head bolts	EI 240 U/C
PP Pipe 40 mm ø 2.9 mm wall thickness	40 mm				
PP Pipe 50 mm ø 2.9 mm wall thickness	50 mm				
PP Pipe 55 mm ø 2.9-4.4 mm wall thickness	55 mm	30 mm (W) x 6 mm (T)			
PP Pipe 63 mm ø 2.9-4.4 mm wall thickness	63 mm				
PP Pipe 75 mm ø 2.8-6.7 mm wall thickness	75 mm	30 mm (W) x 8 mm (T)			
PP Pipe 82 mm ø 2.8-6.7 mm wall thickness	82 mm				
PP Pipe 90 mm ø 2.7-10.0 mm wall thickness	90 mm	30 mm (W) x 10 mm (T)			
PP Pipe 100 mm ø 2.7-10.0 mm wall thickness	100 mm				
PP Pipe 110 mm ø 2.7-10.0 mm wall thickness	110 mm				
PP Pipe 125 mm ø 3.1 mm wall thickness	125 mm	40 mm (W) x 12 mm (T)			
PP Pipe 140 mm ø 3.5-8.0 mm wall thickness	140 mm	40 mm (W) x 16 mm (T)			
PP Pipe 160 mm ø 4.0-14.6 mm wall thickness	160 mm	40 mm (W) x 18 mm (T)			

Declaration of Performance

SikaSeal®-627 Fire Collar

41052118v

2019.12 , ver. 02

1545

A1.1.3 PE pipes with SikaSeal® - 627 Fire Collar installed on the underside of rigid floor

PE pipes according to EN ISO 15494 with SikaSeal® - 627 Fire Collar.

SikaSeal® - 627 Fire Collar, Face Fixed on the Underside of Rigid Floor (min 150 mm thick) PE Pipes					
Penetration Specification	Collar Reference	Intumescent Material	Annulus Space (mm)	Collar Fixing	Classification
PE Pipe 32 mm ø 2.9 mm wall thickness	32 mm	30 mm (W) x 4 mm (T)	10	Face fixed on the underside of rigid floor with 3No. Fischer FSA Ø8 x 60mm long, with M6 hexagon head bolts	EI 240 U/C
PE Pipe 40 mm ø 2.9 mm wall thickness	40 mm				
PE Pipe 50 mm ø 2.9 mm wall thickness	50 mm				
PE Pipe 55 mm ø 2.9-4.4 mm wall thickness	55 mm	30 mm (W) x 6 mm (T)			
PE Pipe 63 mm ø 2.9-4.4 mm wall thickness	63 mm				
PE Pipe 75 mm ø 2.8-6.7 mm wall thickness	75 mm	30 mm (W) x 8 mm (T)			
PE Pipe 82 mm ø 2.8-6.7 mm wall thickness	82 mm				
PE Pipe 90 mm ø 2.7-10.0 mm wall thickness	90 mm	30 mm (W) x 10 mm (T)			
PE Pipe 100 mm ø 2.7-10.0 mm wall thickness	100 mm				
PE Pipe 110 mm ø 2.7-10.0 mm wall thickness	110 mm				
PE Pipe 125 mm ø 3.1 mm wall thickness	125 mm	40 mm (W) x 12 mm (T)			
PE Pipe 140 mm ø 3.9-5.8 mm wall thickness	140 mm	40 mm (W) x 16 mm (T)			
PE Pipe 160 mm ø 4.9-9.5 mm wall thickness	160 mm	40 mm (W) x 18 mm (T)			

Declaration of Performance

SikaSeal®-627 Fire Collar

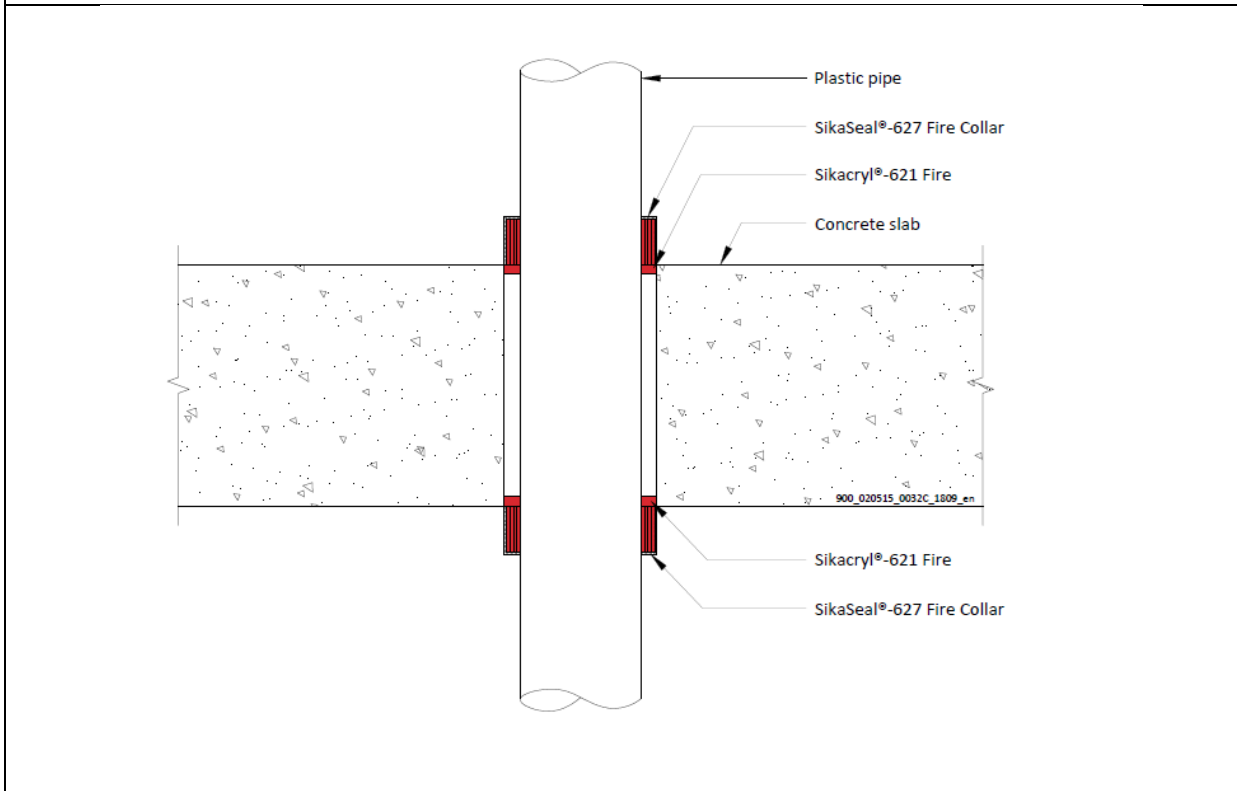
41052118v

2019.12 , ver. 02

1545

A.1.2 Penetration seal with SikaSeal® - 627 Fire Collar installed on both sides of rigid floor

Construction details: Combustible pipes installed with a single SikaSeal® - 627 Fire Collar to both sides. Maximum 10 mm annular space filled with Sikacryl® - 621 Fire.



A.1.2.1 Penetration seal with SikaSeal® - 627 Fire Collar installed on both sides of rigid floor

PP pipes according to EN 1451 with SikaSeal® - 627 Fire Collar.

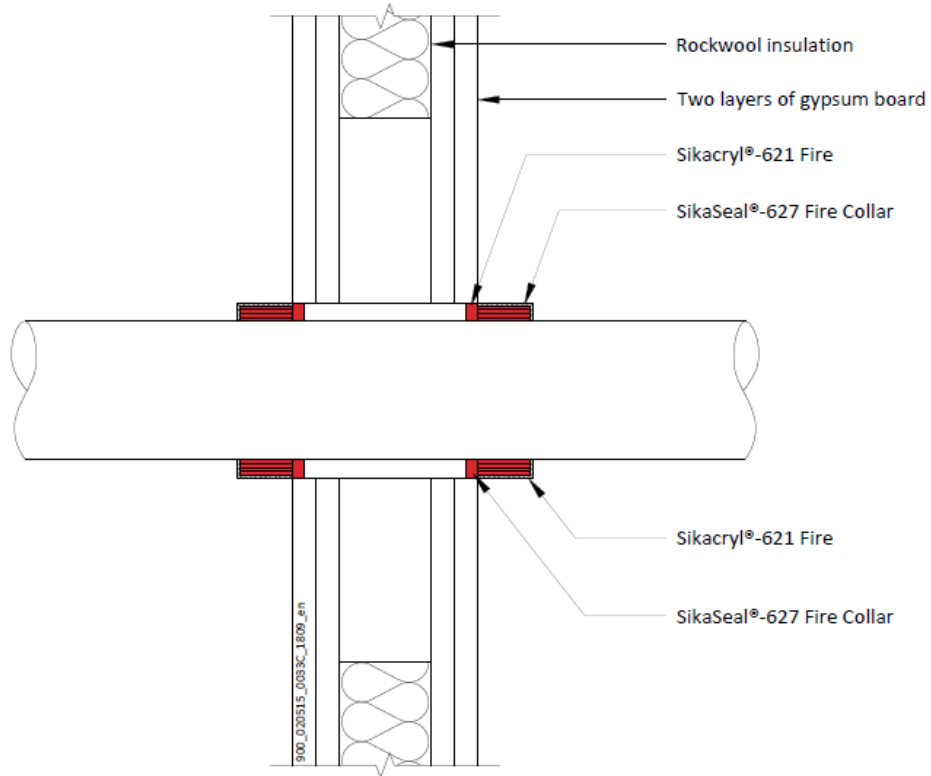
SikaSeal® - 627 Fire Collar, Face Fixed on Both Sides of Rigid Floor (min 150 mm thick) PP Pipes					
Penetration Specification	Collar Reference	Intumescent Material	Annulus Space (mm)	Collar Fixing	Classification
PP Pipe 110 mm ø 2.7 mm wall thickness	110 mm	30 mm (W) x 10 mm (T)	10	Fixed on both faces of rigid floor with 3No. Fischer FSA Ø8 x 60mm long, with M6 hexagon head bolts	EI 120 U/U
PP Pipe 160 mm ø 4.0 mm wall thickness	160 mm	40 mm (W) x 16 mm (T)			EI 120 C/U

Declaration of Performance
 SikaSeal®-627 Fire Collar
 41052118v
 2019.12 , ver. 02
 1545

A.2 Wall construction with thickness of minimum 100 mm

A.2.1 Penetration seal with SikaSeal® - 627 Fire Collar installed on both sides of flexible or rigid wall

Construction details: Combustible pipes installed with a single SikaSeal® - 627 Fire Collar to both sides.
Maximum 10 mm annular space filled with Sikacryl® - 621 Fire.



Declaration of Performance

SikaSeal®-627 Fire Collar

41052118v

2019.12 , ver. 02

1545

A.2.1.1 PVC-U pipes with SikaSeal® - 627 Fire Collar installed on both sides of flexible or rigid wall

PVC-U pipes according to EN 1452 with SikaSeal® - 627 Fire Collar.

SikaSeal® - 627 Fire Collar, Face Fixed on Both Sides of Flexible or Rigid Wall (min 100 mm thick) PVC-U Pipes					
Penetration Specification	Collar Reference	Intumescent Material	Annulus Space (mm)	Collar Fixing	Classification
PVC Pipe 32 mm ø 1.8 mm wall thickness	32 mm	30 mm (W) x 4 mm (T)	10	Fixed on both sides of the wall with a 6mm x 65mm long Fisher HM 6x65 S, steel toggle anchor	EI 120 U/C
PVC Pipe 40 mm ø 1.8 mm wall thickness	40 mm				
PVC Pipe 50 mm ø 1.8 mm wall thickness	50 mm				
PVC Pipe 55 mm ø 2.3-3.0 mm wall thickness	55 mm	30 mm (W) x 6 mm (T)			
PVC Pipe 63 mm ø 2.3-3.0 mm wall thickness	63 mm				
PVC Pipe 75 mm ø 3.1-4.8 mm wall thickness	75 mm	30 mm (W) x 8 mm (T)			
PVC Pipe 82 mm ø 3.1-4.8 mm wall thickness	82 mm				
PVC Pipe 90 mm ø 4.2-7.4 mm wall thickness	90 mm	30 mm (W) x 10 mm (T)			
PVC Pipe 100 mm ø 4.2-7.4 mm wall thickness	100 mm				
PVC Pipe 110 mm ø 4.2-7.4 mm wall thickness	110 mm				
PVC Pipe 125 mm ø 6.0 mm wall thickness	125 mm	40 mm (W) x 12 mm (T)			
PVC Pipe 140 mm ø 6.1-7.5 mm wall thickness	140 mm	40 mm (W) x 16 mm (T)			
PVC Pipe 160 mm ø 6.2-9.5 mm wall thickness	160 mm	40 mm (W) x 18 mm (T)			

Declaration of Performance

SikaSeal®-627 Fire Collar

41052118v

2019.12 , ver. 02

1545

A.2.1.2 PP pipes with SikaSeal® - 627 Fire Collar installed on both sides of flexible or rigid wall

PP pipes according to EN 1451 with SikaSeal® - 627 Fire Collar.

SikaSeal® - 627 Fire Collar, Face Fixed on Both Sides of Flexible or Rigid Wall (min 100 mm thick) PP Pipes					
Penetration Specification	Collar Reference	Intumescent Material	Annulus Space (mm)	Collar Fixing	Classification
PP Pipe 32 mm ø 2.9 mm wall thickness	32 mm	30 mm (W) x 4 mm (T)	10	Fixed on both sides of the wall with a 6mm x 65mm long Fisher HM 6x65 S, steel toggle anchor	EI 120 U/C
PP Pipe 40 mm ø 2.9 mm wall thickness	40 mm				
PP Pipe 50 mm ø 2.9 mm wall thickness	50 mm				
PP Pipe 55 mm ø 2.9-4.4 mm wall thickness	55 mm	30 mm (W) x 6 mm (T)			
PP Pipe 63 mm ø 2.9-4.4 mm wall thickness	63 mm				
PP Pipe 75 mm ø 2.8-6.7 mm wall thickness	75 mm	30 mm (W) x 8 mm (T)			
PP Pipe 82 mm ø 2.8-6.7 mm wall thickness	82 mm				
PP Pipe 90 mm ø 2.7-10.0 mm wall thickness	90 mm	30 mm (W) x 10 mm (T)			
PP Pipe 100 mm ø 2.7-10.0 mm wall thickness	100 mm				
PP Pipe 110 mm ø 2.7-10.0 mm wall thickness	110 mm				
PP Pipe 125 mm ø 3.1 mm wall thickness	125 mm	40 mm (W) x 12 mm (T)			
PP Pipe 140 mm ø 3.5-8.0 mm wall thickness	140 mm	40 mm (W) x 16 mm (T)			
PP Pipe 160 mm ø 4.0-14.6 mm wall thickness	160 mm	40 mm (W) x 18 mm (T)			

Declaration of Performance

SikaSeal®-627 Fire Collar

41052118v

2019.12 , ver. 02

1545

A.2.1.3 PE pipes with SikaSeal® - 627 Fire Collar installed on both sides of flexible or rigid wall

PE pipes according to EN ISO 15494 with SikaSeal® - 627 Fire Collar.

SikaSeal® - 627 Fire Collar, Face Fixed on Both Sides of Flexible or Rigid Wall (min 100 mm thick) PE Pipes					
Penetration Specification	Collar Reference	Intumescent Material	Annulus Space (mm)	Collar Fixing	Classification
PE Pipe 32 mm ø 2.9 mm wall thickness	32 mm	30 mm (W) x 4 mm (T)	10	Fixed on both sides of the wall with a 6mm x 65mm long Fisher HM 6x65 S, steel toggle anchor	EI 120 U/C
PE Pipe 40 mm ø 2.9 mm wall thickness	40 mm				
PE Pipe 50 mm ø 2.9 mm wall thickness	50 mm				
PE Pipe 55 mm ø 2.9-4.4 mm wall thickness	55 mm	30 mm (W) x 6 mm (T)			
PE Pipe 63 mm ø 2.9-4.4 mm wall thickness	63 mm				
PE Pipe 75 mm ø 2.8-6.7 mm wall thickness	75 mm	30 mm (W) x 8 mm (T)			
PE Pipe 82 mm ø 2.8-6.7 mm wall thickness	82 mm				
PE Pipe 90 mm ø 2.7-10.0 mm wall thickness	90 mm	30 mm (W) x 10 mm (T)			
PE Pipe 100 mm ø 2.7-10.0 mm wall thickness	100 mm				
PE Pipe 110 mm ø 2.7-10.0 mm wall thickness	110 mm				
PE Pipe 125 mm ø 3.1 mm wall thickness	125 mm	40 mm (W) x 12 mm (T)			
PE Pipe 140 mm ø 3.9-5.8 mm wall thickness	140 mm	40 mm (W) x 16 mm (T)			
PE Pipe 160 mm ø 4.9-9.5 mm wall thickness	160 mm	40 mm (W) x 18 mm (T)			

Declaration of Performance

SikaSeal®-627 Fire Collar

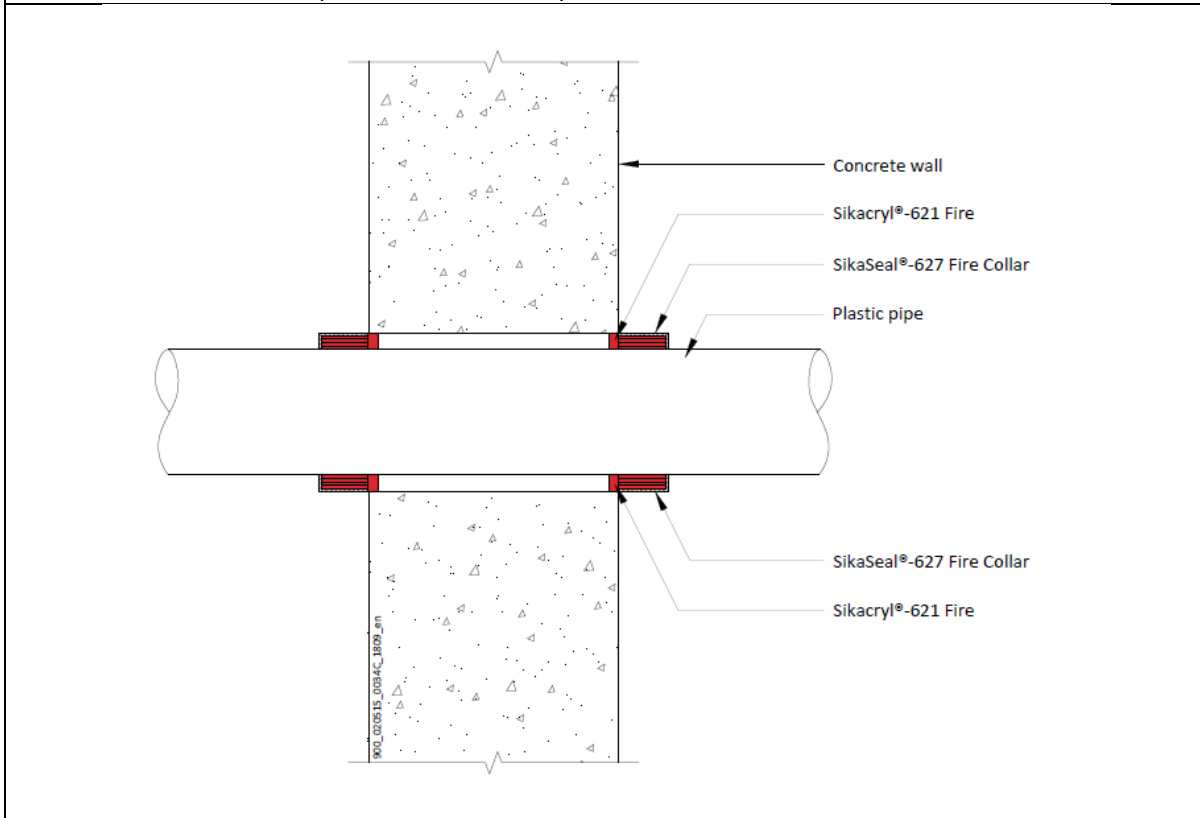
41052118v

2019.12 , ver. 02

1545

A.2.2 Penetration seal with SikaSeal® - 627 Fire Collar installed on both sides of rigid wall

Construction details: Combustible pipes installed with a single SikaSeal® - 627 Fire Collar to both sides. Maximum 10 mm annular space filled with Sikacryl® - 621 Fire.



A.2.2.1 PP pipes with SikaSeal® - 627 Fire Collar installed on both sides of rigid wall

PP pipes according to EN 1451 with SikaSeal® - 627 Fire Collar.

SikaSeal® - 627 Fire Collar, Face Fixed on Both Sides of Rigid Wall (min 100 mm thick) PP Pipes					
Penetration Specification	Collar Reference	Intumescent Material	Annulus Space (mm)	Collar Fixing	Classification
PP Pipe 110 mm ϕ 2.7 mm wall thickness	110 mm	30 mm (W) x 10 mm (T)	10	Fixed on both faces of the wall with 3No. 40mm Fischer pins	EI 120 U/U
PP Pipe 160 mm ϕ 4.0 mm wall thickness	160 mm	40 mm (W) x 18 mm (T)		Fixed on both faces of the wall with 3No. ϕ 4 x 70mm wood screws and penny washers	EI 120 U/U
PP Pipe 250 mm ϕ 6.2 mm wall thickness	250 mm	40 mm (W) x 24 mm (T)			EI 120 U/C

Declaration of Performance

SikaSeal®-627 Fire Collar

41052118v

2019.12 , ver. 02


1545

**8 APPROPRIATE TECHNICAL DOCUMENTATION AND/OR -
SPECIFIC TECHNICAL DOCUMENTATION**

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

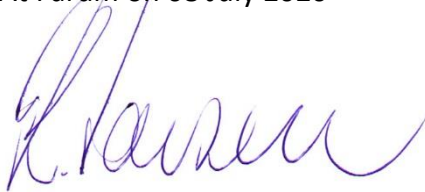
Signed for and on behalf of the manufacturer by:

Name : Anders Beier
Function: General Manager
At Farum on 08 July 2020



.....


Name : Kristian Larsen
Function: Head Sealing and Bonding
At Farum on 08 July 2020



.....

End of information as required by Regulation (EU) No 305/2011

FULL CE MARKING

 19
Sika Services AG, Zurich, Switzerland
41052118
EAD 350454-00-1104:2017
1121, 2812
Fire stopping and fire sealing products, penetration seals

Declaration of Performance

SikaSeal®-627 Fire Collar

41052118v

2019.12 , ver. 02

1545

The assessment of fitness for use has been made in accordance with EAD 350454-00-1104

Product Type: Collar		Intended use: Pipe Closure Device
Basic requirement for construction work	Basic Requirement	Performance
BWR 1 Mechanical resistance and stability		
	None	Not relevant
BWR 2 Safety in case of fire		
EN 13501-1	Reaction to fire	Class E
EN 13501-2	Resistance to fire	Annex A
BWR 3 Hygiene, Health and the Environment		
EN 1026:2000	Air permeability	No performance determined
EAD 350454-00-1104	Water permeability	No performance determined
Declaration by manufacturer	Release of dangerous substances	Use category IA1, S/W3 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
BWR 5 Protection against noise		
EN 10140-2/ EN ISO 717-1	Airborne sound insulation	No performance determined
BWR 6 Energy, Economy and Heat Retention		
EN 12664, EN 12667 or EN 12939	Thermal properties	No performance determined
EN ISO 12572 EN12086	Water vapour permeability	No performance determined
General aspects relating to fitness for use		
EOTA TR 024:2009	Durability and serviceability	X
BWR 7 Sustainable use of natural resources		
		No performance determined

Declaration of Performance

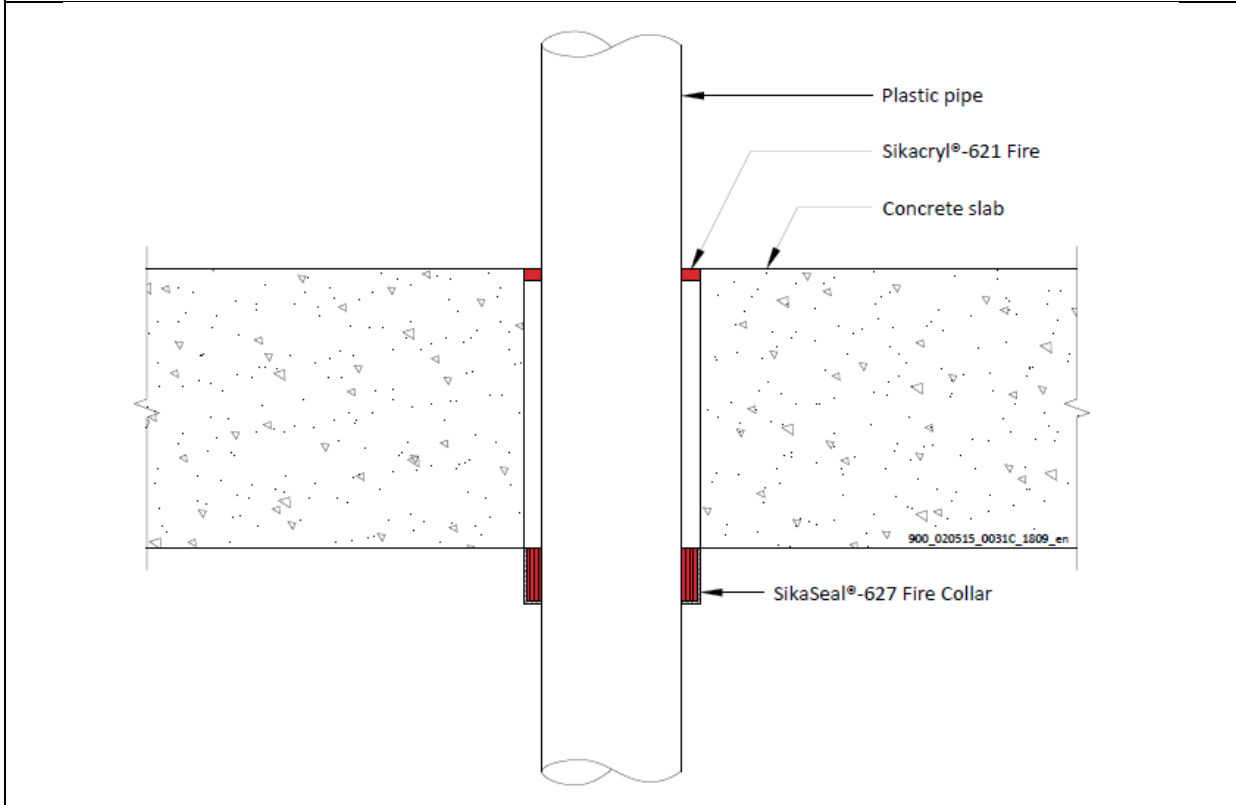
SikaSeal®-627 Fire Collar
41052118v
2019.12 , ver. 02
1545

Annex A
Resistance to Fire Classification of SikaSeal® - 627 Fire Collar

A.1 Floor construction with thickness of minimum 150 mm

A.1.1 Penetration seal with SikaSeal® - 627 Fire Collar installed on the underside of rigid floor

Construction details: Combustible pipes installed with a single SikaSeal® - 627 Fire Collar to the underside.
Maximum 10 mm annular space filled with Sikacryl® - 621 Fire.



Declaration of Performance

SikaSeal®-627 Fire Collar

41052118v

2019.12 , ver. 02

1545

A.1.1.1 PVC-U pipes with SikaSeal® - 627 Fire Collar installed on the underside of rigid floor

PVC-U pipes according to EN 1452 with SikaSeal® - 627 Fire Collar.

SikaSeal® - 627 Fire Collar, Face Fixed on the Underside of Rigid Floor (min 150 mm thick) PVC-U Pipes					
Penetration Specification	Collar Reference	Intumescent Material	Annulus Space (mm)	Collar Fixing	Classification
PVC Pipe 32 mm ø 1.8 mm wall thickness	32 mm	30 mm (W) x 4 mm (T)	10	Face fixed on the underside of rigid floor with 3No. Fischer FSA Ø8 x 60mm long, with M6 hexagon head bolts	EI 240 U/C
PVC Pipe 40 mm ø 1.8 mm wall thickness	40 mm				
PVC Pipe 50 mm ø 1.8 mm wall thickness	50 mm				
PVC Pipe 55 mm ø 2.3-3.0 mm wall thickness	55 mm	30 mm (W) x 6 mm (T)			
PVC Pipe 63 mm ø 2.3-3.0 mm wall thickness	63 mm				
PVC Pipe 75 mm ø 3.1-4.8 mm wall thickness	75 mm	30 mm (W) x 8 mm (T)			
PVC Pipe 82 mm ø 3.1-4.8 mm wall thickness	82 mm				
PVC Pipe 90 mm ø 4.2-7.4 mm wall thickness	90 mm	30 mm (W) x 10 mm (T)			
PVC Pipe 100 mm ø 4.2-7.4 mm wall thickness	100 mm				
PVC Pipe 110 mm ø 4.2-7.4 mm wall thickness	110 mm				
PVC Pipe 125 mm ø 6.0 mm wall thickness	125 mm	40 mm (W) x 12 mm (T)			
PVC Pipe 140 mm ø 6.1-7.5 mm wall thickness	140 mm	40 mm (W) x 16 mm (T)			
PVC Pipe 160 mm ø 6.2-9.5 mm wall thickness	160 mm	40 mm (W) x 18 mm (T)			

Declaration of Performance

SikaSeal®-627 Fire Collar

41052118v

2019.12 , ver. 02

1545

A.1.1.2 PP pipes with SikaSeal® - 627 Fire Collar installed on the underside of rigid floor

PP pipes according to EN 1451 with SikaSeal® - 627 Fire Collar.

SikaSeal® - 627 Fire Collar, Face Fixed on the Underside of Rigid Floor (min 150 mm thick) PP Pipes					
Penetration Specification	Collar Reference	Intumescent Material	Annulus Space (mm)	Collar Fixing	Classification
PP Pipe 32 mm ø 2.9 mm wall thickness	32 mm	30 mm (W) x 4 mm (T)	10	Face fixed on the underside of rigid floor with 3No. Fischer FSA ø8 x 60mm long, with M6 hexagon head bolts	EI 240 U/C
PP Pipe 40 mm ø 2.9 mm wall thickness	40 mm				
PP Pipe 50 mm ø 2.9 mm wall thickness	50 mm				
PP Pipe 55 mm ø 2.9-4.4 mm wall thickness	55 mm	30 mm (W) x 6 mm (T)			
PP Pipe 63 mm ø 2.9-4.4 mm wall thickness	63 mm				
PP Pipe 75 mm ø 2.8-6.7 mm wall thickness	75 mm	30 mm (W) x 8 mm (T)			
PP Pipe 82 mm ø 2.8-6.7 mm wall thickness	82 mm				
PP Pipe 90 mm ø 2.7-10.0 mm wall thickness	90 mm	30 mm (W) x 10 mm (T)			
PP Pipe 100 mm ø 2.7-10.0 mm wall thickness	100 mm				
PP Pipe 110 mm ø 2.7-10.0 mm wall thickness	110 mm				
PP Pipe 125 mm ø 3.1 mm wall thickness	125 mm	40 mm (W) x 12 mm (T)			
PP Pipe 140 mm ø 3.5-8.0 mm wall thickness	140 mm	40 mm (W) x 16 mm (T)			
PP Pipe 160 mm ø 4.0-14.6 mm wall thickness	160 mm	40 mm (W) x 18 mm (T)			

Declaration of Performance

SikaSeal®-627 Fire Collar

41052118v

2019.12 , ver. 02

1545

A.1.1.3 PE pipes with SikaSeal® - 627 Fire Collar installed on the underside of rigid floor

PE pipes according to EN ISO 15494 with SikaSeal® - 627 Fire Collar.

SikaSeal® - 627 Fire Collar, Face Fixed on the Underside of Rigid Floor (min 150 mm thick) PE Pipes					
Penetration Specification	Collar Reference	Intumescent Material	Annulus Space (mm)	Collar Fixing	Classification
PE Pipe 32 mm ø 2.9 mm wall thickness	32 mm	30 mm (W) x 4 mm (T)	10	Face fixed on the underside of rigid floor with 3No. Fischer FSA Ø8 x 60mm long, with M6 hexagon head bolts	EI 240 U/C
PE Pipe 40 mm ø 2.9 mm wall thickness	40 mm				
PE Pipe 50 mm ø 2.9 mm wall thickness	50 mm				
PE Pipe 55 mm ø 2.9-4.4 mm wall thickness	55 mm	30 mm (W) x 6 mm (T)			
PE Pipe 63 mm ø 2.9-4.4 mm wall thickness	63 mm				
PE Pipe 75 mm ø 2.8-6.7 mm wall thickness	75 mm	30 mm (W) x 8 mm (T)			
PE Pipe 82 mm ø 2.8-6.7 mm wall thickness	82 mm				
PE Pipe 90 mm ø 2.7-10.0 mm wall thickness	90 mm	30 mm (W) x 10 mm (T)			
PE Pipe 100 mm ø 2.7-10.0 mm wall thickness	100 mm				
PE Pipe 110 mm ø 2.7-10.0 mm wall thickness	110 mm				
PE Pipe 125 mm ø 3.1 mm wall thickness	125 mm	40 mm (W) x 12 mm (T)			
PE Pipe 140 mm ø 3.9-5.8 mm wall thickness	140 mm	40 mm (W) x 16 mm (T)			
PE Pipe 160 mm ø 4.9-9.5 mm wall thickness	160 mm	40 mm (W) x 18 mm (T)			

Declaration of Performance

SikaSeal®-627 Fire Collar

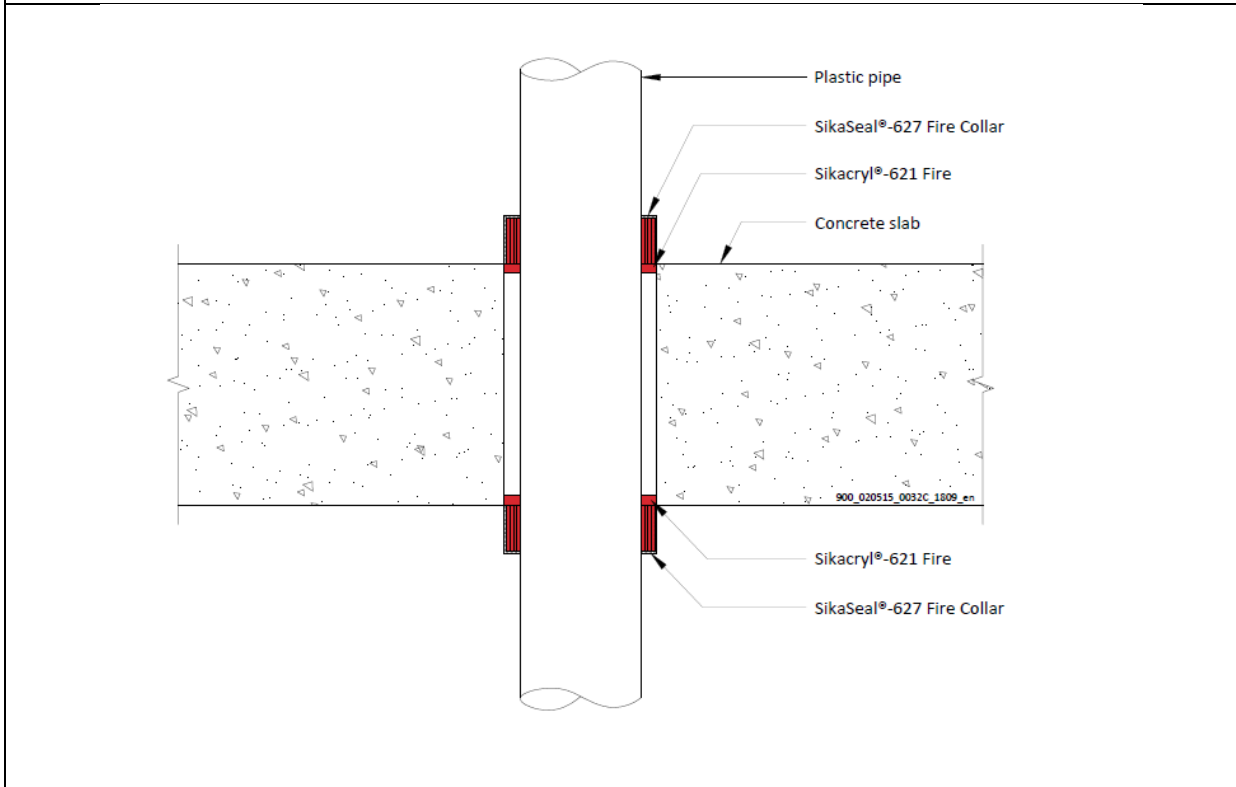
41052118v

2019.12 , ver. 02

1545

A.1.2 Penetration seal with SikaSeal® - 627 Fire Collar installed on both sides of rigid floor

Construction details: Combustible pipes installed with a single SikaSeal® - 627 Fire Collar to both sides. Maximum 10 mm annular space filled with Sikacryl® - 621 Fire.



A.1.2.1 Penetration seal with SikaSeal® - 627 Fire Collar installed on both sides of rigid floor

PP pipes according to EN 1451 with SikaSeal® - 627 Fire Collar.

SikaSeal® - 627 Fire Collar, Face Fixed on Both Sides of Rigid Floor (min 150 mm thick) PP Pipes					
Penetration Specification	Collar Reference	Intumescent Material	Annulus Space (mm)	Collar Fixing	Classification
PP Pipe 110 mm ϕ 2.7 mm wall thickness	110 mm	30 mm (W) x 10 mm (T)	10	Fixed on both faces of rigid floor with 3No. Fischer FSA ϕ 8 x 60mm long, with M6 hexagon head bolts	EI 120 U/U
PP Pipe 160 mm ϕ 4.0 mm wall thickness	160 mm	40 mm (W) x 16 mm (T)			EI 120 C/U

Declaration of Performance

SikaSeal®-627 Fire Collar

41052118v

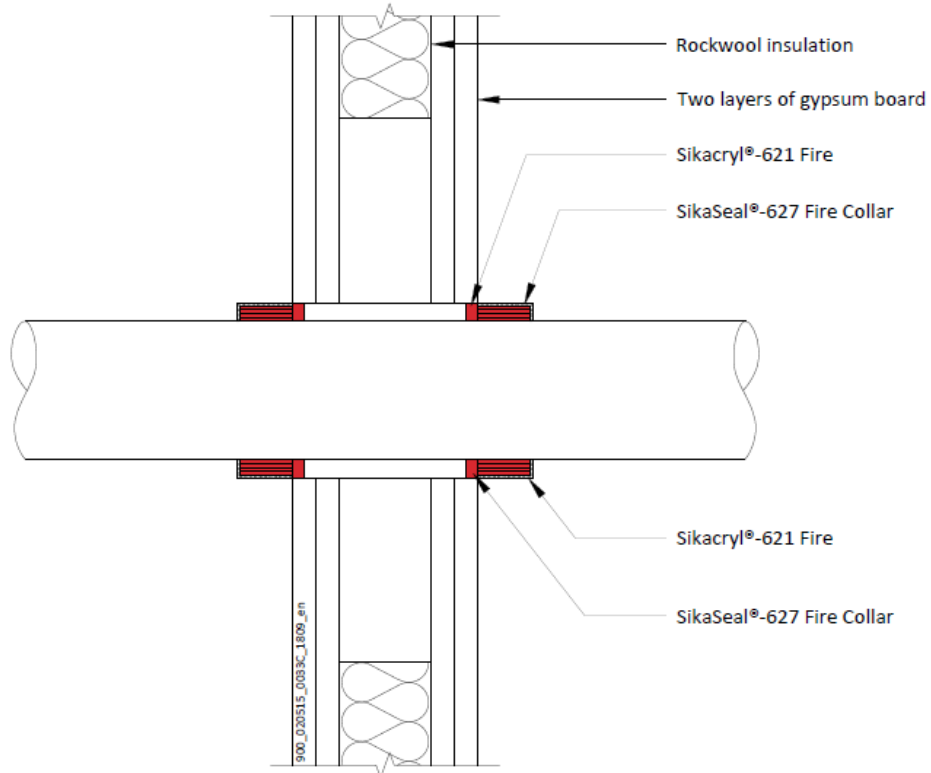
2019.12 , ver. 02

1545

A. 2 Wall construction with thickness of minimum 100 mm

A.2.1 Penetration seal with SikaSeal® - 627 Fire Collar installed on both sides of flexible or rigid wall

Construction details: Combustible pipes installed with a single SikaSeal® - 627 Fire Collar to both sides.
Maximum 10 mm annular space filled with Sikacryl® - 621 Fire.



Declaration of Performance

SikaSeal®-627 Fire Collar

41052118v

2019.12 , ver. 02

1545

A.2.1.1 PVC-U pipes with SikaSeal® - 627 Fire Collar installed on both sides of flexible or rigid wall

PVC-U pipes according to EN 1452 with SikaSeal® - 627 Fire Collar.

SikaSeal® - 627 Fire Collar, Face Fixed on Both Sides of Flexible or Rigid Wall (min 100 mm thick) PVC-U Pipes					
Penetration Specification	Collar Reference	Intumescent Material	Annulus Space (mm)	Collar Fixing	Classification
PVC Pipe 32 mm ø 1.8 mm wall thickness	32 mm	30 mm (W) x 4 mm (T)	10	Fixed on both sides of the wall with a 6mm x 65mm long Fisher HM 6x65 S, steel toggle anchor	EI 120 U/C
PVC Pipe 40 mm ø 1.8 mm wall thickness	40 mm				
PVC Pipe 50 mm ø 1.8 mm wall thickness	50 mm				
PVC Pipe 55 mm ø 2.3-3.0 mm wall thickness	55 mm	30 mm (W) x 6 mm (T)			
PVC Pipe 63 mm ø 2.3-3.0 mm wall thickness	63 mm				
PVC Pipe 75 mm ø 3.1-4.8 mm wall thickness	75 mm	30 mm (W) x 8 mm (T)			
PVC Pipe 82 mm ø 3.1-4.8 mm wall thickness	82 mm				
PVC Pipe 90 mm ø 4.2-7.4 mm wall thickness	90 mm	30 mm (W) x 10 mm (T)			
PVC Pipe 100 mm ø 4.2-7.4 mm wall thickness	100 mm				
PVC Pipe 110 mm ø 4.2-7.4 mm wall thickness	110 mm				
PVC Pipe 125 mm ø 6.0 mm wall thickness	125 mm	40 mm (W) x 12 mm (T)			
PVC Pipe 140 mm ø 6.1-7.5 mm wall thickness	140 mm	40 mm (W) x 16 mm (T)			
PVC Pipe 160 mm ø 6.2-9.5 mm wall thickness	160 mm	40 mm (W) x 18 mm (T)			

Declaration of Performance

SikaSeal®-627 Fire Collar

41052118v

2019.12 , ver. 02

1545

A.2.1.2 PP pipes with SikaSeal® - 627 Fire Collar installed on both sides of flexible or rigid wall

PP pipes according to EN 1451 with SikaSeal® - 627 Fire Collar.

SikaSeal® - 627 Fire Collar, Face Fixed on Both Sides of Flexible or Rigid Wall (min 100 mm thick) PP Pipes					
Penetration Specification	Collar Reference	Intumescent Material	Annulus Space (mm)	Collar Fixing	Classification
PP Pipe 32 mm ø 2.9 mm wall thickness	32 mm	30 mm (W) x 4 mm (T)	10	Fixed on both sides of the wall with a 6mm x 65mm long Fisher HM 6x65 S, steel toggle anchor	EI 120 U/C
PP Pipe 40 mm ø 2.9 mm wall thickness	40 mm				
PP Pipe 50 mm ø 2.9 mm wall thickness	50 mm				
PP Pipe 55 mm ø 2.9-4.4 mm wall thickness	55 mm	30 mm (W) x 6 mm (T)			
PP Pipe 63 mm ø 2.9-4.4 mm wall thickness	63 mm				
PP Pipe 75 mm ø 2.8-6.7 mm wall thickness	75 mm	30 mm (W) x 8 mm (T)			
PP Pipe 82 mm ø 2.8-6.7 mm wall thickness	82 mm				
PP Pipe 90 mm ø 2.7-10.0 mm wall thickness	90 mm	30 mm (W) x 10 mm (T)			
PP Pipe 100 mm ø 2.7-10.0 mm wall thickness	100 mm				
PP Pipe 110 mm ø 2.7-10.0 mm wall thickness	110 mm				
PP Pipe 125 mm ø 3.1 mm wall thickness	125 mm	40 mm (W) x 12 mm (T)			
PP Pipe 140 mm ø 3.5-8.0 mm wall thickness	140 mm	40 mm (W) x 16 mm (T)			
PP Pipe 160 mm ø 4.0-14.6 mm wall thickness	160 mm	40 mm (W) x 18 mm (T)			

Declaration of Performance

SikaSeal®-627 Fire Collar

41052118v

2019.12 , ver. 02

1545

A.2.1.3 PE pipes with SikaSeal® - 627 Fire Collar installed on both sides of flexible or rigid wall

PE pipes according to EN ISO 15494 with SikaSeal® - 627 Fire Collar.

SikaSeal® - 627 Fire Collar, Face Fixed on Both Sides of Flexible or Rigid Wall (min 100 mm thick) PE Pipes					
Penetration Specification	Collar Reference	Intumescent Material	Annulus Space (mm)	Collar Fixing	Classification
PE Pipe 32 mm ø 2.9 mm wall thickness	32 mm	30 mm (W) x 4 mm (T)	10	Fixed on both sides of the wall with a 6mm x 65mm long Fisher HM 6x65 S, steel toggle anchor	EI 120 U/C
PE Pipe 40 mm ø 2.9 mm wall thickness	40 mm				
PE Pipe 50 mm ø 2.9 mm wall thickness	50 mm				
PE Pipe 55 mm ø 2.9-4.4 mm wall thickness	55 mm	30 mm (W) x 6 mm (T)			
PE Pipe 63 mm ø 2.9-4.4 mm wall thickness	63 mm				
PE Pipe 75 mm ø 2.8-6.7 mm wall thickness	75 mm	30 mm (W) x 8 mm (T)			
PE Pipe 82 mm ø 2.8-6.7 mm wall thickness	82 mm				
PE Pipe 90 mm ø 2.7-10.0 mm wall thickness	90 mm	30 mm (W) x 10 mm (T)			
PE Pipe 100 mm ø 2.7-10.0 mm wall thickness	100 mm				
PE Pipe 110 mm ø 2.7-10.0 mm wall thickness	110 mm				
PE Pipe 125 mm ø 3.1 mm wall thickness	125 mm	40 mm (W) x 12 mm (T)			
PE Pipe 140 mm ø 3.9-5.8 mm wall thickness	140 mm	40 mm (W) x 16 mm (T)			
PE Pipe 160 mm ø 4.9-9.5 mm wall thickness	160 mm	40 mm (W) x 18 mm (T)			

Declaration of Performance

SikaSeal®-627 Fire Collar

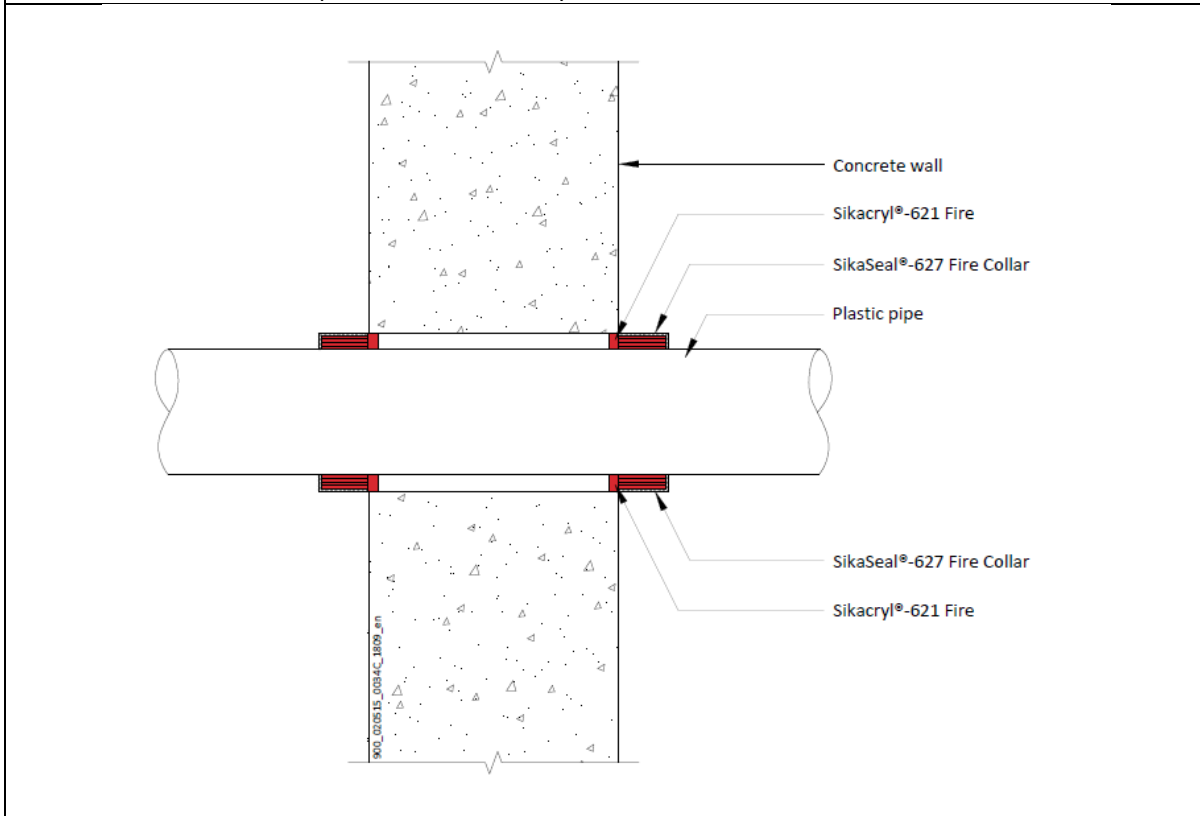
41052118v

2019.12 , ver. 02

1545

A.2.2 Penetration seal with SikaSeal® - 627 Fire Collar installed on both sides of rigid wall

Construction details: Combustible pipes installed with a single SikaSeal® - 627 Fire Collar to both sides. Maximum 10 mm annular space filled with Sikacryl® - 621 Fire.



A.2.2.1 PP pipes with SikaSeal® - 627 Fire Collar installed on both sides of rigid wall

PP pipes according to EN 1451 with SikaSeal® - 627 Fire Collar.

SikaSeal® - 627 Fire Collar, Face Fixed on Both Sides of Rigid Wall (min 100 mm thick) PP Pipes					
Penetration Specification	Collar Reference	Intumescent Material	Annulus Space (mm)	Collar Fixing	Classification
PP Pipe 110 mm ϕ 2.7 mm wall thickness	110 mm	30 mm (W) x 10 mm (T)	10	Fixed on both faces of the wall with 3No. 40mm Fischer pins	EI 120 U/U
PP Pipe 160 mm ϕ 4.0 mm wall thickness	160 mm	40 mm (W) x 18 mm (T)		Fixed on both faces of the wall with 3No. ϕ 4 x 70mm wood screws and penny washers	EI 120 U/U
PP Pipe 250 mm ϕ 6.2 mm wall thickness	250 mm	40 mm (W) x 24 mm (T)			EI 120 U/C

dop.sika.com

Declaration of Performance

SikaSeal®-627 Fire Collar

41052118v

2019.12 , ver. 02

1545

CE MARKING TO BE PLACED ON THE LABEL

 19
Sika Services AG, Zurich, Switzerland
41052118
EAD 350454-00-1104:2017
1121, 2812
Fire stopping and fire sealing products, penetration seals
For details see accompanying documents
dop.sika.com

ECOLOGY, HEALTH AND SAFETY INFORMATION (REACH)

This product is an article as defined in article 3 of regulation (EC) No 1907/2006 (REACH). It contains no substances which are intended to be released from the article under normal or reasonably foreseeable conditions of use. A safety data sheet following article 31 of the same regulation is not needed to bring the product to the market, to transport or to use it. For safe use follow the instructions given in the product data sheet. Based on our current knowledge, this product does not contain SVHC (substances of very high concern) as listed in Annex XIV of the REACH regulation or on the candidate list published by the European Chemicals Agency in concentrations above 0,1 % (w/w).

LEGAL NOTE

Any information or suggestions for use concerning Sika's products, which we either in writing or orally have given buyers or endusers of the product have been given in good faith based on our own experiences and based of approved praxis and the technological and scientific knowledge on the time of giving such suggestions and information, which are given without any type of guarantees, and which do not lead to any further responsibility from Sika Danmark A/S, besides what is stated in the sales agreement in question. The buyer or end-user should themselves investigate or otherwise make sure that our products are suitable for the use in question and further make sure that the products are kept and used correct and in agreement with the published rules and considering the actual conditions in order to avoid damages or less satisfactory results. Any order is accepted and any deliverance is affected according to the general terms of sales and delivery from Sika Danmark A/S, which are considered known and accepted, and which could be handed out when asked for. Our catalogues are not up-dated automatically. The present product data sheet is only for use in Denmark. Values stated in the present product data sheet should be seen as recommended, unless stated otherwise.

Declaration of Performance

SikaSeal®-627 Fire Collar

41052118v

2019.12 , ver. 02

1545

26/27

BUILDING TRUST



Sika Danmark A/S
Hirsemarken 5
3520 Farum

www.sika.dk

Declaration of Performance
SikaSeal®-627 Fire Collar
41052118v
2019.12 , ver. 02
1545

27/27

BUILDING TRUST

