

SikaSeal®-626 Fire Board

PRESTATIEVERKLARING

No. 47307086

1	UNIEKE IDENTIFICATIECODE VAN HET PRODUCTTYPE:	47307086
2	BEOOGD(E) GEBRUIK(EN):	ETA 18/1048/ EAD 350454-00-1104:2017 Brandstoppende en brandwerende producten, afdichtingen voor doorvoeren
3	FABRIKANT:	Sika Services AG Tüffenwies 16-22 8064 Zürich
5	HET SYSTEEM OF DE SYSTEMEN VOOR DE BEOORDELING EN VERIFICATIE VAN DE PRESTATIEBESTENDIGHEID:	Systeem 1
6b	EUROPEES BEOORDELINGSDOCUMENT:	EAD 350454-00-1104:2017
	Europese technische beoordeling:	ETA 18/1048
	Technische beoordelingsinstantie:	Warrington Fire Testing and Certification Limited
	Aangemelde instantie(s):	1121

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7 AANGEGEVEN PRESTATIE(S)

De beoordeling van de geschiktheid voor gebruik is uitgevoerd overeenkomstig EAD 350454-00-1104

Producttype: Plaat		Beoogd gebruik: Doorvoerafsluiting
Basisvereiste voor bouwwerkzaamheden	Basisvereiste	Prestatie
BWR 1 Mechanische weerstand en stabiliteit		
	Geen	Niet relevant
BWR 2 Veiligheid in geval van brand		
EN 13501-1	Brandreactie	Geen prestatie vastgesteld
EN 13501-2	Brandwerendheid	Bijlage A
BWR 3 Hygiëne, gezondheid en milieu		
EN 1026:2000	Luchtdoorlaatbaarheid	Zie sectie 3.3
EAD 350454-00-1104	Waterdoorlaatbaarheid	Geen prestatie vastgesteld
Verklaring door de fabrikant	Vrijkomen van gevaarlijke stoffen	Gebruikscategorie IA3, S/W3 Verklaring van de fabrikant
BWR 4 Veiligheid in gebruik		
EOTA TR 001:2003	Mechanische weerstand en stabiliteit	Geen prestatie vastgesteld
EOTA TR 001:2003	Weerstand tegen stoten/bewegingen	Geen prestatie vastgesteld
EOTA TR 001:2003	Hechting	Geen prestatie vastgesteld
BWR 5 Bescherming tegen lawaai		
EN 10140-2/ EN ISO 717-1	Luchtgeluidisolatie	Rw (C;Ctr)= 24(-2;-3)
BWR 6 Energie, economie en warmtebehoud		
EN 12664, EN 12667 or EN 12939	Thermische eigenschappen	Geen prestatie vastgesteld
EN ISO 12572 EN12086	Waterdampdoorlaatbaarheid	Geen prestatie vastgesteld
Algemene aspecten met betrekking tot de gebruiksgeschiktheid		
EOTA TR 024:2009	Duurzaamheid en gebruiksvriendelijkheid	Z1
BWR 7 Duurzaam gebruik van natuurlijke hulpbronnen		
		Geen prestatie vastgesteld

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3.3 Luchtdoorlaatbaarheid

System SikaSeal®-626 Fire Board werd getest in overeenstemming met BS EN 1314-1 om de volgende resultaten te verkrijgen:

Getest product			SikaSeal®-626 Fire Board	
	Resultaten bij positieve kamerdruk		Resultaten bij negatieve kamerdruk	
Druk (Pa)	Lekkage (m³/h)	Lekkage (m³/m²/h)	Lekkage (m³/h)	Lekkage (m³/m²/h)
50	0,6	0,8	1,1	1,5
100	1,0	1,4	1,3	1,8
150	2,8	3,9	1,5	2,1
200	3,8	5,3	1,9	2,6
250	4,5	6,3	2,0	2,8
300	5,0	6,9	2,4	3,3
450	5,1	7,1	1,9	2,6
600	6,7	9,3	2,2	3,1

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Bijlage A

Weerstand tegen brandclassificatie SikaSeal®-626 Fire Board

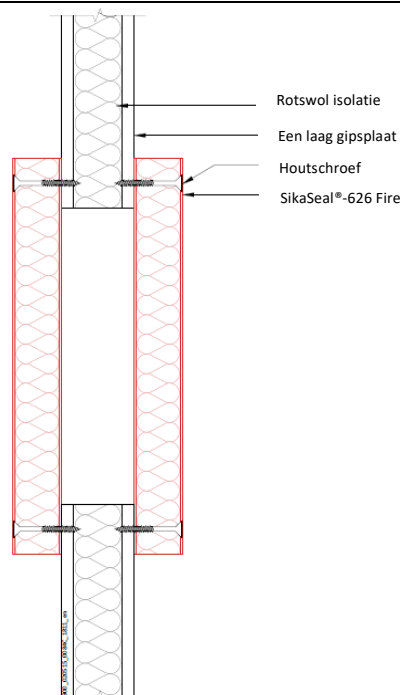
A1 SikaSeal®-626 Fire Board voor doorvoeringen in flexibele en starre wandconstructies met min. 70 mm dikte

A1.1 Enkele laag (50mm beide zijden) SikaSeal®-626 Fire Board Patress geïnstalleerde doorvoeringsafdichting

A1.1.1 Doorvoeringen voor kabels en leidingen

Constructiedetail:

- Enkele laag SikaSeal®-626 Fire Board patress geïnstalleerd aan beide zijden van de muur.
- Max. openingsafmetingen 570mm breed x 200mm hoog
- Patress installatie van SikaSeal®-626 Fire Board.
 - Het SikaSeal®-626 Fire Board wordt geïnstalleerd in horizontale rijen en bevestigd in minimum twee verticale randen. Overlappen van de platen met de ondergrond min 50mm. Platen mechanisch bevestigd aan ondergrond met min 6mm x 80mm stalen vijzen en stalen borgring. Bevestigingen geïnstalleerd op max. 300mm tot middenpunt.
- Eerste steun geplaatst op 1025mm van beide zijden van de ondergrond



Nutsvoorzieningen	Classificatie
500mm brede x 60mm diepe stalen kabelgoot bevattend 3 x type 'B' kabel en 20 x bundel telecomkabels	EI90
500mm brede x 60mm diepe stalen kabelgoot bevattend 1 x type 'B' kabel, 3 x type 'A1' kabel, 3 x type 'A2' kabel, en 3 x type 'A3' kabel	

Nutsvoorzieningen	Classificatie
20mm dia Adaptaflex SPL20 flexibele buis	EI90
20mm dia Kopex KSU 316 roestvrije stalen flexibele buis	
150mm brede x 60mm diepe stalen kabelgoot bevattend 4 x FP200 Gold (brandalarmkabel 7mm diameter rood) kabels	

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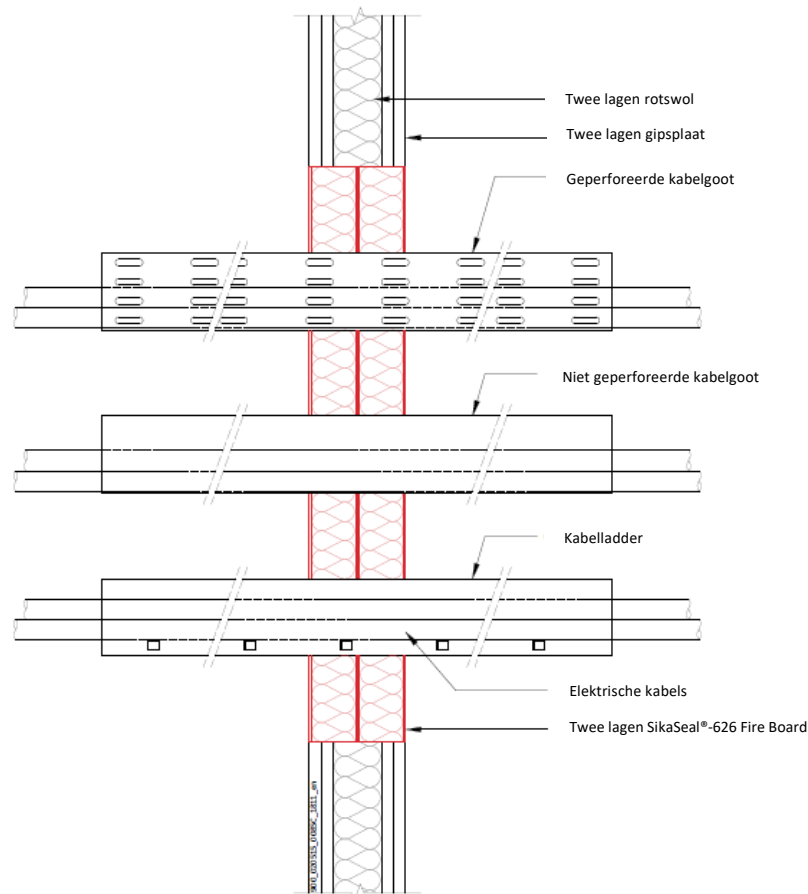
A2 SikaSeal®-626 Fire Board dichting voor doorvoeringen in flexibele en starre wanden met min. 100 mm dikte.

A2.1 Dubbele laag (50mm) SikaSeal®-626 Fire Board doorvoeringsdichting

A2.1.1 Kabeldoorvoeringen

Constructiedetails:

- Dubbele laag SikaSeal®-626 Fire Board (50mm) geïnstalleerd binnenin de wand.
- Max. openingsafmeting 730mm breed x 1200mm hoog
- Eerste steun geplaatst op 250mm van beide zijden van de ondergrond.



Nutsvoorzieningen	Classificatie
Elektrische kabels tot 21mm diameter	EI 60
Elektrische kabels 22mm tot 80mm diameter	E 60 EI 45
Kabelgoten en kabelladders	EI 60
100 mm diameter bundel telecommunicatiekabels type "F"	EI 60
Niet omhulde elektrische kabels tot 17mm diameter	E 60 EI 30
Niet omhulde elektrische kabels 18-24mm diameter	E 60 EI 15
Stalen of koperen buizen tot 16mm	E 60 EI 15
Plastic buizen tot 16mm	EI 60

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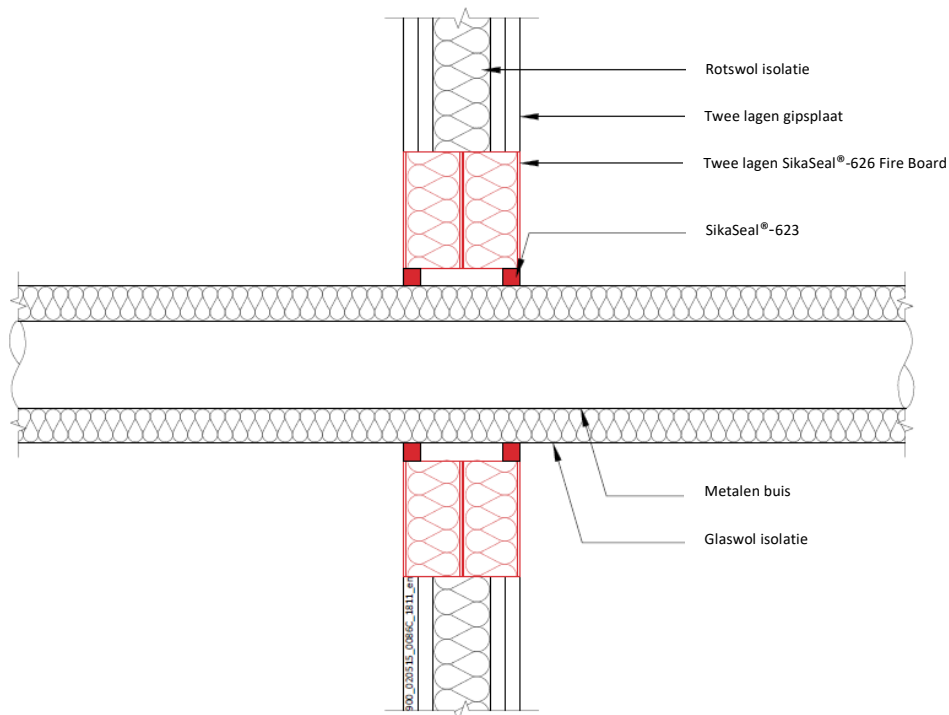
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A2.1.2 Doorvoeringen van metalen buizen

Constructiedetails:

- Dubbele laag SikaSeal®-626 Fire Board (50mm) geïnstalleerd binnenin de wand
- Max. openingsafmeting 730mm breed x 1200mm hoog
- Continue / doorlopende CS geïsoleerde metalen buizen
- 15mm deep x 15mm wijde annulus SikaSeal®-623 Fire Sealant op beide zijden
- Eerste steun geplaatst op 250mm van beide zijden van de ondergrond



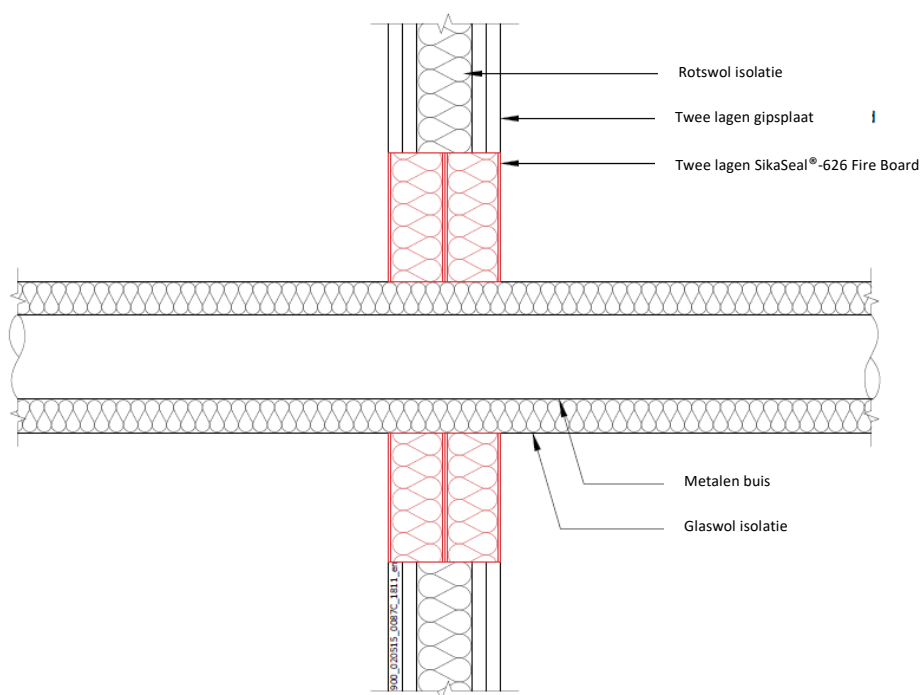
Nutsvoorzieningen	Classificatie
Enkele koperen of zacht stalen buis 40mm diameter en 1,5 – 14,2 mm wand met doorlopende/continue 20mm dikke glaswolisolatie bekleed met folie (min 80kg/m ³)	E 90 U/C EI 60 U/C
Enkele koperen of zacht stalen buis 40-159mm diameter en 2,3 – 14,2 mm wand met doorlopende/continue 20mm dikke glaswolisolatie bekleed met folie (min 80kg/m ³)	EI 60 U/C

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Constructiedetails:

- Dubbele laag SikaSeal®-626 Fire Board (50mm) geïnstalleerd binnenin de wand
- Max. openingsafmeting 600mm breed x 600mm hoog
- Continue / doorlopende CS geïsoleerde metalen buizen
- Eerste steun geplaatst op 400mm van beide zijden van de ondergrond



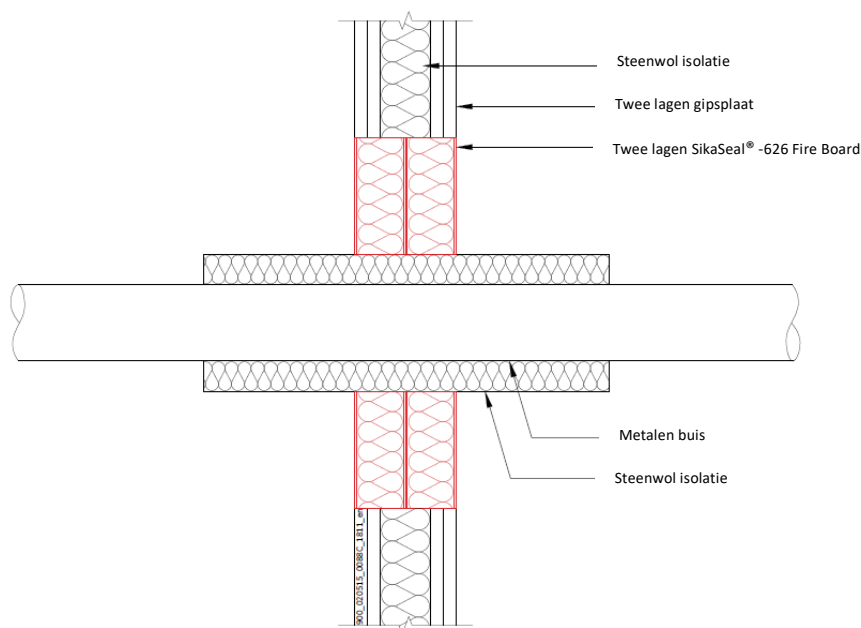
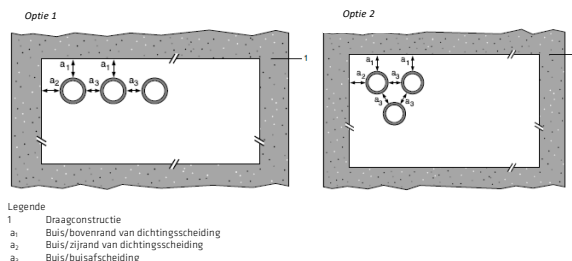
Nutsvoorzieningen	Classificatie
Stalen of koperen buis 42-159mm Ø, 1,2mm – 14,2mm wanddikte. 25mm dikke met folie beklede glaswolisolatie min. 30kg/m ³ (C/S)	E 120 C/U EI 45 C/U
Stalen of koperen buis 42mm Ø, 1mm – 14,2mm wanddikte. 25mm dikke met folie beklede glaswolisolatie min. 30kg/m ³ (C/S)	E 120 C/U EI 60 C/U

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Constructiedetails:

- DubbeleSikaSeal®-626 Fire Board (50mm) geïnstalleerd binnenin de wand
- Max. openingsafmeting 730mm breed x 1200mm hoog
- Continue / doorlopende CS geïsoleerde metalen buizen
- Doorvoeringen gepositioneerd zoals op optie 1 of 2 hieronder, 0mm afstand tussen nutsvoorzieningen en 50mm tot rand van afdichting
- Eerste steun 400mm van beide zijden van de ondergrond



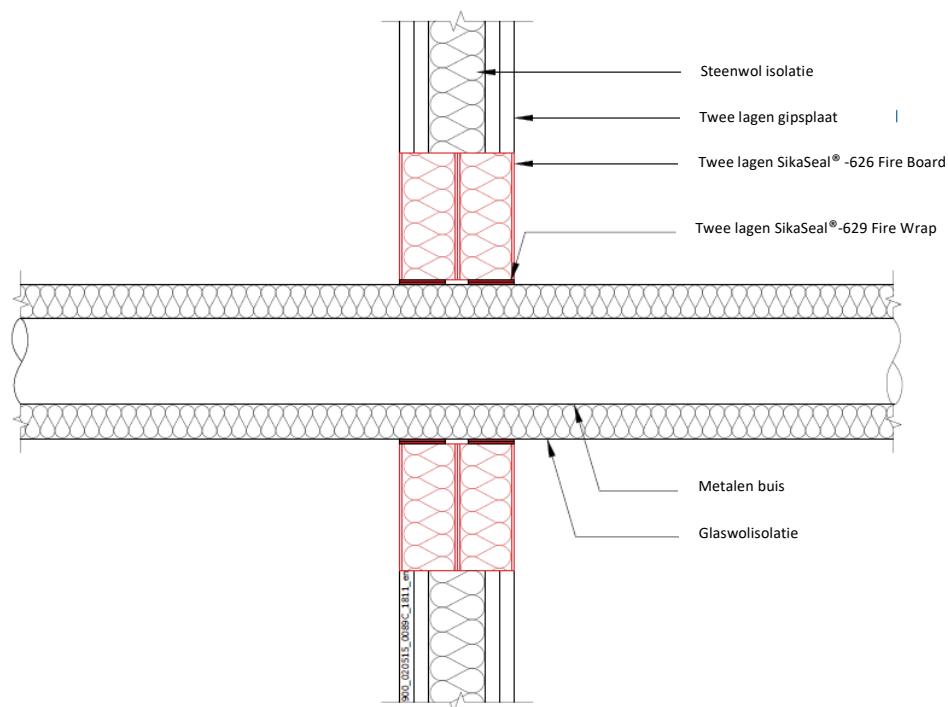
Nutsvoorzieningen	Classificatie
Stalen of koperen buis 42-159mm Ø, 1,2mm – 14,2mm wanddikte 40mm dikke steenwolisolatie min. 40kg/m ³ (L/I 400mm)	EI 45 C/U
Staal 42-324mm Ø, 16mm wanddikte. 40mm dikke steenwolisolatie min. 40kg/m ³ (L/I 400mm)	EI 45 C/U
Stalen of koperen buis 42-159mm Ø, 1,2mm – 14,2mm wanddikte PST coating langs de doorvoering 2mm DFT (L/I 400mm)	E 120 C/U EI 45 C/U
Staal 42-324mm Ø, 16mm wanddikte. 14,2mm wanddikte PST coating langs de doorvoering 2mm DFT (L/I 400mm)	E 120 C/U EI 45 C/U

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Constructiedetails:

- Dubbele laag SikaSeal®-626 Fire Board (50mm) geïnstalleerd binnenin de wand
- Max. openingsafmeting 750mm breed x 1200mm hoog
- Continue / doorlopende CS geïsoleerde metalen buizen
- 2 x 2mm dikke lagen SikaSeal®-629 Fire Wrap geplaatst aan beide zijden van de SikaSeal®-626 Fire Board
- Eerste steun geplaatst op 400mm van beide zijden van de ondergrond



Nutsleidingen	Classificatie
Stalen of koperen buis 42-159mm Ø, 1,2mm – 14,2mm wanddikte. 13-25mm dikke K Flex ST Isolatie (C/S)	E 120 C/U EI 60 C/U
Stalen of koperen buis 42mm Ø, 1 – 14,2mm wanddikte. 25-13mm dikke K Flex ST isolatie (C/S)	E 120 C/U EI 90 C/U
¹ Stalen of koperen buis 42-108mm Ø, 1,2 – 14,2mm wanddikte. 25 -40mm dikke Kingspan Kooltherm FM isolatie (C/S)	E 120 C/U EI 60 C/U
Stalen of koperen buis 42mm Ø, 1–14,2mm wanddikte. 25 -40mm dikke Kingspan Kooltherm FM isolatie (C/S)	E 120 C/U EI 90 C/U
¹ Stalen of koperen buis 42mm Ø, 1,2–14,2mm wanddikte. 50mm dikke glaswolisolatie (C/S)	E 120 C/U EI 90 C/U

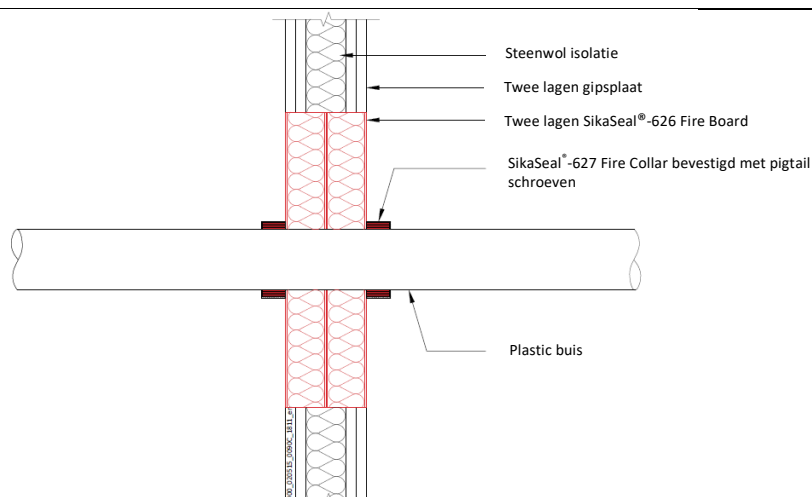
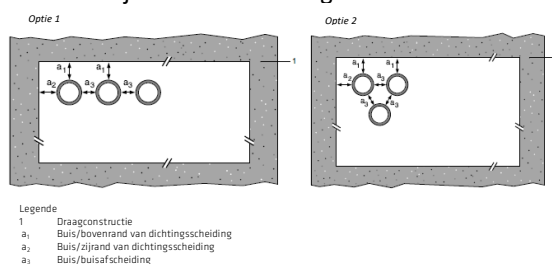
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A2.1.3 Doorvoeringen voor plastic buizen

Constructiedetails:

- Dubbele laag SikaSeal®-626 Fire Board (50mm) geïnstalleerd binnenin de wand
- Max. openingsafmeting 730mm breed x 1200mm hoog
- SikaSeal®-627 Fire Collar bevestigd aan beide zijden van de ondergrond met 80mm lange stalen pigtail schroefbevestigingen tot aan SikaSeal®-626 Fire Board
- Doorvoeringen gepositioneerd zoals op optie 1 of 2 hieronder, 0mm afstand tussen nutsleidingen en 50mm tot rand van afdichting.
- Eerste steun 400mm van beide zijden van de ondergrond



Nutsvoorzieningen	SikaSeal® - 627 Fire Collar Ref	Classificatie
PVC buis 32mm Ø, 1,8mm wanddikte	32mm	EI 120 U/C
PVC buis 40mm Ø, 1,8mm wanddikte	40mm	
PVC buis 50mm Ø, 1,8mm wanddikte	50mm	
PVC buis 55mm Ø, 1,8-2,3mm wanddikte	55mm	
PVC buis 63mm Ø, 2,3-3mm wanddikte	63mm	
PVC buis 75mm Ø, 3,1-4,8mm wanddikte	75mm	
PVC buis 82mm Ø, 3,1-4,8mm wanddikte	82mm	
PVC buis 90mm Ø, 4,2-7,4mm wanddikte	90mm	
PVC buis 100mm Ø, 4,2-7,4mm wanddikte	100mm	
PVC buis 110mm Ø, 4,2-7,4mm wanddikte	110mm	
PVC buis 125mm Ø, 6mm wanddikte	125mm	
PVC buis 140mm Ø, 6,1-7,5mm wanddikte	140mm	
PVC buis 160mm Ø, 6,2-9,5mm wanddikte	160mm	

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Nutsleidingen	SikaSeal® - 627 Fire Collar Ref	Classificatie
PP buis 32mm Ø, 2,9mm wanddikte	32mm	EI 120 U/C
PP buis 40mm Ø, 2,9mm wanddikte	40mm	
PP buis 50mm Ø, 2,9mm wanddikte	50mm	
PP buis 55mm Ø, 2,9-4,4mm wanddikte	55mm	
PP buis 63mm Ø, 2,9-4,4mm wanddikte	63mm	
PP buis 75mm Ø, 2,8-6,7mm wanddikte	75mm	
PP buis 82mm Ø, 2,8-6,7mm wanddikte	82mm	
PP buis 90mm Ø, 2,7-10mm wanddikte	90mm	
PP buis 100mm Ø, 2,7-10mm wanddikte	100mm	
PP buis 110mm Ø, 2,7-10mm wanddikte	110mm	
PP buis 125mm Ø, 3,1mm wanddikte	125mm	
PP buis 140mm Ø, 3,5-8mm wanddikte	140mm	

Nutsleidingen	SikaSeal® - 627 Fire Collar Ref	Classificatie
PE buis 32mm Ø, 2,9mm wanddikte	32mm	EI 120 U/C
PE buis 40mm Ø, 2,9mm wanddikte	40mm	
PE buis 50mm Ø, 2,9mm wanddikte	50mm	
PE buis 55mm Ø, 2,9-4,4mm wanddikte	55mm	
PE buis 63mm Ø, 2,9-4,4mm wanddikte	63mm	
PE buis 75mm Ø, 2,8-6,7mm wanddikte	75mm	
PE buis 82mm Ø, 2,8-6,7mm wanddikte	82mm	
PE buis 90mm Ø, 2,7-10mm wanddikte	90mm	
PE buis 100mm Ø, 2,7-10mm wanddikte	100mm	
PE P buis 110mm Ø, 2,7-10mm wanddikte	110mm	
PE buis 125mm Ø, 3,1mm wanddikte	125mm	
PE buis 140mm Ø, 3,9-5,8mm wanddikte	140mm	
PE buis 160mm Ø, 4,9-9,5mm wanddikte	160mm	

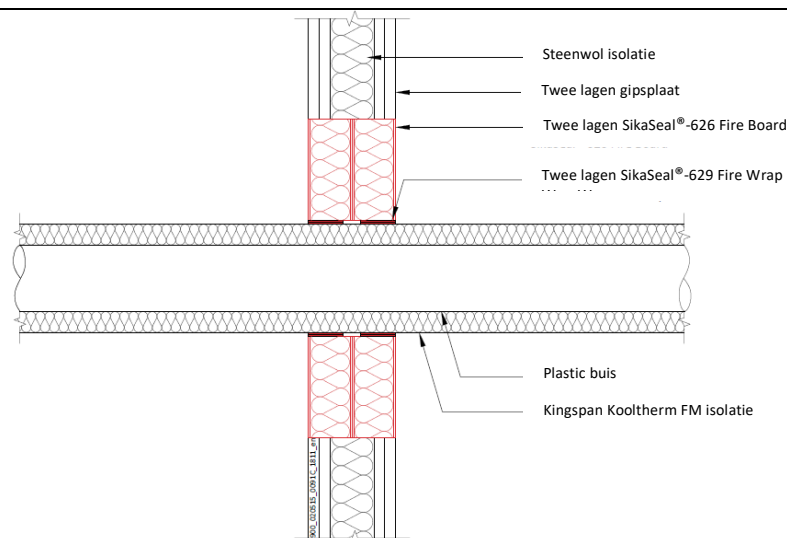
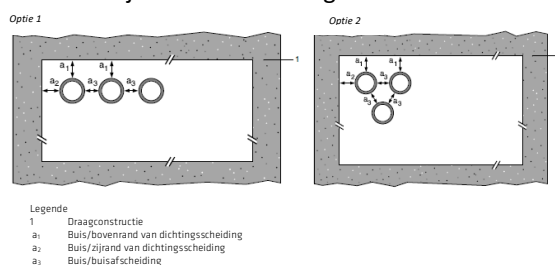
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A2.1.4 Doorvoeringen van plastic buizen

Constructiedetails:

- Dubbele laag SikaSeal®-626 Fire Board (50mm) geïnstalleerd binnenin de wand.
- Max. openingsafmeting 730mm breed x 1200mm hoog
- SikaSeal®-629 Fire Wrap Patress installatie van SikaSeal®-626 Fire Board. De platen zijn geïnstalleerd in horizontale rijen en bevestigd in minimum twee verticale randen. SikaSeal®-626 Fire Board
- Doorvoeringen gepositioneerd zoals op optie 1 of 2 hieronder, 0mm afstand tussen nutsleidingen en 50mm tot de rand van de afdichting
- Eerste steun 400mm van beide zijden van de ondergrond



Nutsleidingen	SikaSeal®-629 Fire Wrap Ref	Classificatie
PVC buis 40mm Ø, 1,9mm wanddikte. 25 mm dik Kingspan Kooltherm FM isolatie (C/S)	3 x 2mm dikte	E 120 U/C EI 90 U/C
PVC buis 40mm Ø, 3mm wanddikte. 15 mm dik Kingspan Kooltherm FM isolatie (C/S)	3 x 2mm dikte	
PVC buis 110mm Ø, 4,2mm wanddikte. 25 mm dik Kingspan Kooltherm FM isolatie (C/S)	5 x 2mm dikte	EI 120 U/C
PVC buis 110mm Ø, 6,6mm wanddikte. 20 mm dik Kingspan Kooltherm FM isolatie (C/S)	5 x 2mm dikte	E 120 U/C EI 90 U/C
PVC buis 40mm Ø, 1,9mm wanddikte. 32 mm dik Armacell Armaflex Class O (C/S)	3 x 2mm dikte	E 120 U/C EI 90 U/C
PVC buis 40mm Ø, 3mm wanddikte. 9 mm dik Armacell Armaflex Class O (C/S)	3 x 2mm dikte	
PVC buis 110mm Ø, 4,2mm wanddikte. 32 mm dik Armacell Armaflex Class O (C/S)	5 x 2mm dikte	EI 120 U/C

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PVC buis 110mm Ø, 6,6mm wanddikte. 13 mm dik Armacell Armaflex Class O (C/S)	5 x 2mm dikte	E 120 U/C EI 90 U/C
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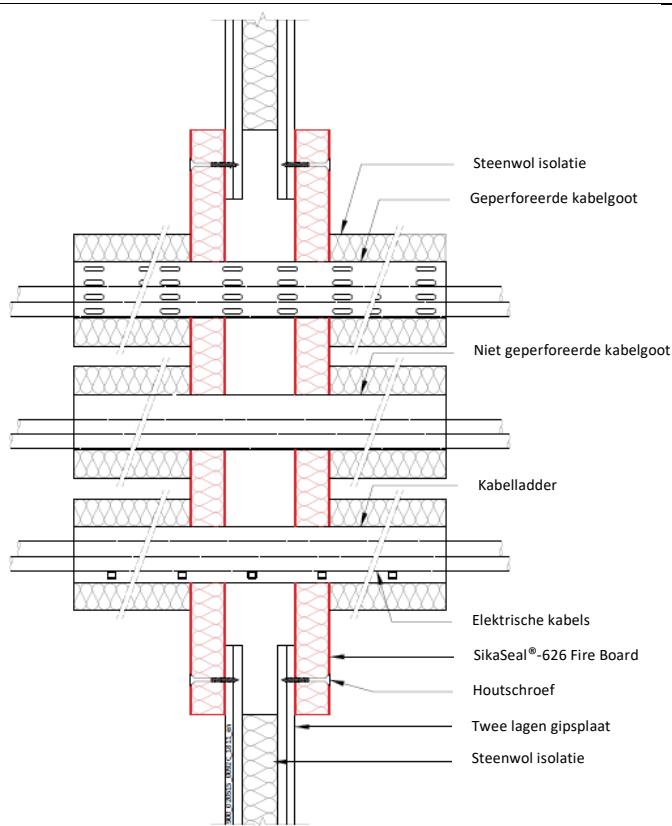
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A2.2 Enkele laag (50mm) SikaSeal®-626 Fire Board Patress installatie beide zijden doorvoeringsafdichting

A2.2.1 Kabeldoorvoeringen

Constructiedetails:

- Enkele laag SikaSeal®-626 Fire Board (50mm) geïnstalleerd beide zijden van de wand.
 - Het SikaSeal®-626 Fire Board wordt geïnstalleerd in horizontale rijen en bevestigd in minimum twee verticale randen. Overlappen van de platen met de ondergrond min 100mm. Platen mechanisch bevestigd aan ondergrond met min 6mm x 80mm stalen vijzen en stalen borgring. Bevestigingen geïnstalleerd op max. 300mm tot middenpunt.
- Max. openingsafmeting 750mm breed x 1200mm hoog
- Kabels en kabelgoten bekleed met een enkele laag 40mm dikke, 40kg/m³ steenwol (L/I 300mm)
- Eerste steun 400mm van beide zijden van de ondergrond.



Nutsleidingen	Classificatie
Elektrische kabels tot 80mm Ø	EI120
Kabelgoten en -ladders	
100 mm diameter bundel telecommunicatiekabel type "F"	
Niet omhulde elektrische kabels tot 24mm Ø	
Stalen of koperen leidingen tot 16mm Ø	
Plastic leidingen tot 16mm Ø	

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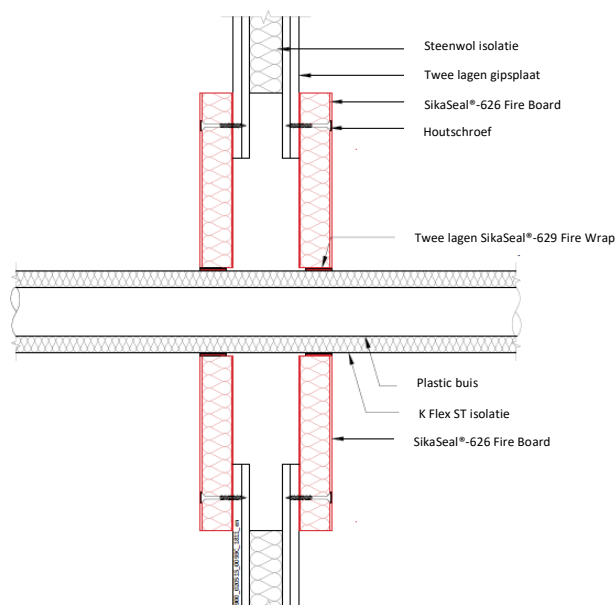
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A2.2.2 Doorvoeringen van metalen buizen

Constructiedetails:

- Enkele laag SikaSeal®-626 Fire Board (50mm) geplaatst aan beide zijden van de wand.
 - Patress installatie van SikaSeal®-626 Fire Board. De platen zijn geïnstalleerd in horizontale rijen en bevestigd in minimum twee verticale randen. Overlap van platen met ondergrond min 100mm. Platen mechanisch bevestigd aan de ondergrond met min 6mm x 80mm stalen schroeven en stalen borgring. Bevestigingen geplaatst op max 300mm middelpunt
- Max. openingsafmeting 750mm breed x 1200mm hoog.
- Continue / doorlopende CS geïsoleerde metalen buizen.
- 2 x 2mm dikke lagen SikaSeal®-629 Fire Wrap geplaatst aan beide zijden van het SikaSeal®-626 Fire Board
- Eerste steun 400mm van beide zijden van de ondergrond.



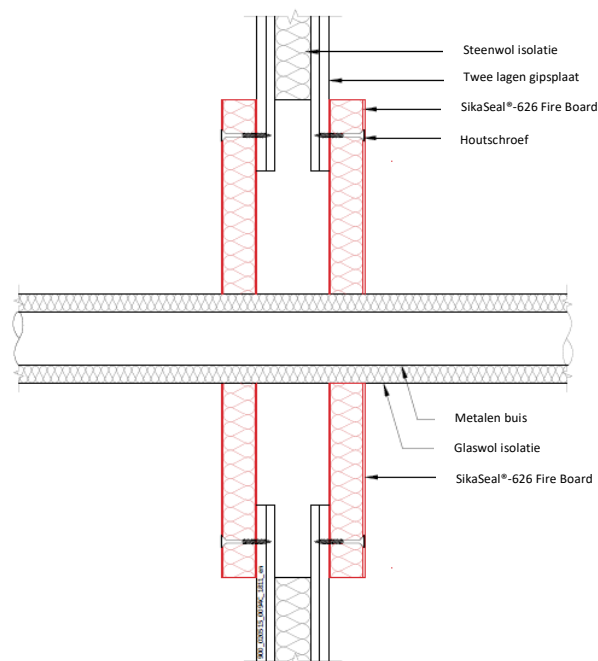
Nutsleidingen	Classificatie
² Stalen of koperen buis 42-159mm Ø, 1,2mm – 14,2mm wanddikte. 13-25mm dik K Flex ST Isolatie (C/S)	E 120 C/U EI 60 C/U
² Stalen of koperen buis 42-159mm Ø, 1,2 – 1,2mm wanddikte. 25mm dik K Flex ST Isolatie n (C/S)	E 120 C/U EI 90 C/U
² Stalen of koperen buis 42mm Ø, 1 – 14,2mm wanddikte. 25-13mm dik K Flex ST Isolatie (C/S)	EI 120 C/U
² Stalen of koperen buis 42-108mm Ø, 1,2 – 14,2mm wanddikte. 25 -40mm dik Kingspan Kooltherm FM Isolatie n (C/S)	E 120 C/U EI 90 C/U
² Stalen of koperen buis 42mm Ø, 1–14,2mm wanddikte. 25 -40mm dik Kingspan Kooltherm FM Isolatie (C/S)	EI 120 C/U
² Stalen of koperen buis 42mm Ø, 1,2–14,2mm wanddikte. 50mm dik glaswol Isolatie min. 30kg/m³ (C/S)	E 120 C/U EI 90 C/U

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Constructiedetails:

- Enkele laag SikaSeal®-626 Fire Board (50mm) geplaatst aan beide zijden van de wand.
 - Patress installatie van SikaSeal®-626 Fire Board. De platen zijn geïnstalleerd in horizontale rijen en bevestigd in minimum twee verticale randen. Overlap van platen met ondergrond min 100mm. Platen mechanisch bevestigd aan de ondergrond met min 6mm x 80mm stalen schroeven en stalen borgring. Bevestigingen geplaatst op max 300mm middelpunt
- Max. openingsafmeting 600mm breed x 600mm hoog
- Continue / doorlopende CS geïsoleerde metalen buizen.
- Eerste steun 400mm van beide zijden van de ondergrond



Nutsleidingen	Classificatie
Stalen of koperen buis 42-159mm Ø, 1,2mm – 1,2mm wanddikte. 25mm dikke met folie beklede glaswol isolatie min. 30kg/m ³ (C/S)	E 120 C/U EI 90 C/U
Stalen of koperen buis 42mm Ø, 1mm – 14,2mm wanddikte. 25mm dikke met folie beklede glaswol isolatie min. 30kg/m ³ (C/S)	EI 120 C/U

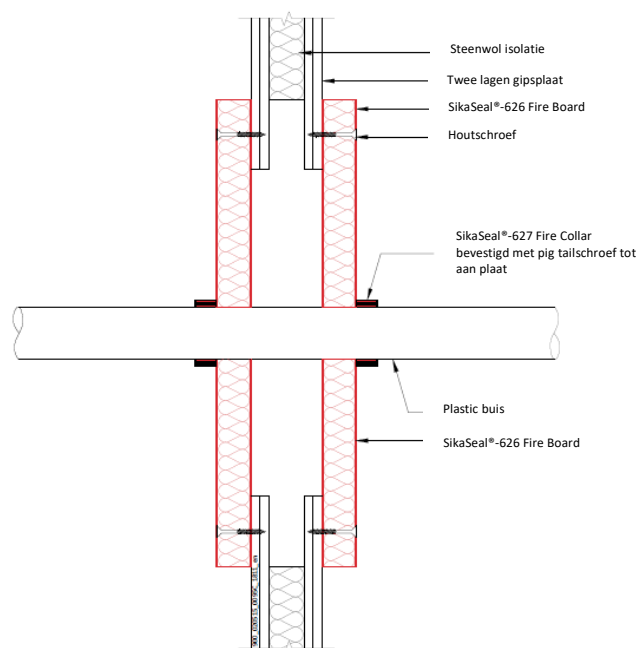
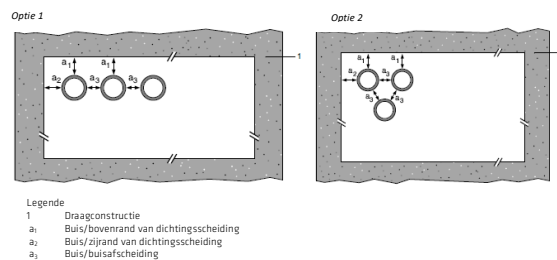
Prestatieverklaring

SikaSeal®-626 Fire Board
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A2.2.3 Doorvoeringen voor plastic buizen

Constructiedetails:

- Enkele laag SikaSeal®-626 Fire Board (50mm) geplaatst aan beide zijden van de wand.
 - Patress installatie van SikaSeal®-626 Fire Board. De platen zijn geïnstalleerd in horizontale rijen en bevestigd in minimum twee verticale randen. Overlap van platen met ondergrond min 100mm. Platen mechanisch bevestigd aan de ondergrond met min 6mm x 80mm stalen schroeven en stalen borgring. Bevestigingen geplaatst op max 300mm middelpunt
- Max. openingsafmeting 730mm breed x 1200mm hoog
- SikaSeal®-627 Fire Collar bevestigd aan beide zijden van de ondergrond met 80mm lange stalen pig tail schroefbevestigingen tot aan SikaSeal®-626 Fire Board
- Doorvoeringen gepositioneerd zoals op optie 1 of 2 hieronder, 0mm afstand tussen nutsleidingen en 50mm tot de rand van de afdichting
- Eerste steun 400mm van beide zijden van de ondergrond



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Nutsleidingen	SikaSeal® - 627 Fire Collar Ref	Classificatie
PVC buis 32mm Ø, 1,8mm wanddikte	32mm	EI 120 U/C
PVC buis 40mm Ø, 1,8mm wanddikte	40mm	
PVC buis 50mm Ø, 1,8mm wanddikte	50mm	
PVC buis 55mm Ø, 1,8-2,3mm wanddikte	55mm	
PVC buis 63mm Ø, 2,3-3mm wanddikte	63mm	
PVC buis 75mm Ø, 3,1-4,8mm wanddikte	75mm	
PVC buis 82mm Ø, 3,1-4,8mm wanddikte	82mm	
PVC buis 90mm Ø, 4,2-7,4mm wanddikte	90mm	
PVC buis 100mm Ø, 4,2-7,4mm wanddikte	100mm	
PVC buis 110mm Ø, 4,2-7,4mm wanddikte	110mm	
PVC buis 125mm Ø, 6mm wanddikte	125mm	
PVC buis 140mm Ø, 6,1-7,5mm wanddikte	140mm	
PVC buis 160mm Ø, 6,2-9,5mm wanddikte	160mm	

Nutsleidingen	SikaSeal® - 627 Fire Collar Ref	Classificatie
PP buis 32mm Ø, 2,9mm wanddikte	32mm	EI 120 U/C
PP buis 40mm Ø, 2,9mm wanddikte	40mm	
PP buis 50mm Ø, 2,9mm wanddikte	50mm	
PP buis 55mm Ø, 2,9-4,4mm wanddikte	55mm	
PP buis 63mm Ø, 2,9-4,4mm wanddikte	63mm	
PP buis 75mm Ø, 2,8-6,7mm wanddikte	75mm	
PP buis 82mm Ø, 2,8-6,7mm wanddikte	82mm	
PP buis 90mm Ø, 2,7-10mm wanddikte	90mm	
PP buis 100mm Ø, 2,7-10mm wanddikte	100mm	
PP buis 110mm Ø, 2,7-10mm wanddikte	110mm	
PP buis 125mm Ø, 3,1mm wanddikte	125mm	
PP buis 140mm Ø, 3,5-8mm wanddikte	140mm	
PP buis 160mm Ø, 4-14,6mm wanddikte	160mm	

Nutsleidingen	SikaSeal® - 627 Fire Collar Ref	Classificatie
PE buis 32mm Ø, 2,9mm wanddikte	32mm	EI 120 U/C
PE buis 40mm Ø, 2,9mm wanddikte	40mm	
PE buis 50mm Ø, 2,9mm wanddikte	50mm	
PE buis 55mm Ø, 2,9-4,4mm wanddikte	55mm	
PE buis 63mm Ø, 2,9-4,4mm wanddikte	63mm	
PE buis 75mm Ø, 2,8-6,7mm wanddikte	75mm	
PE buis 82mm Ø, 2,8-6,7mm wanddikte	82mm	
PE buis 90mm Ø, 2,7-10mm wanddikte	90mm	
PE buis 100mm Ø, 2,7-10mm wanddikte	100mm	
PE buis 110mm Ø, 2,7-10mm wanddikte	110mm	
PE buis 125mm Ø, 3,1mm wanddikte	125mm	
PE buis 140mm Ø, 3,9-5,8mm wanddikte	140mm	
PE buis 160mm Ø, 4,9-9,5mm wanddikte	160mm	

Prestatieverklaring

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Constructiedetails:

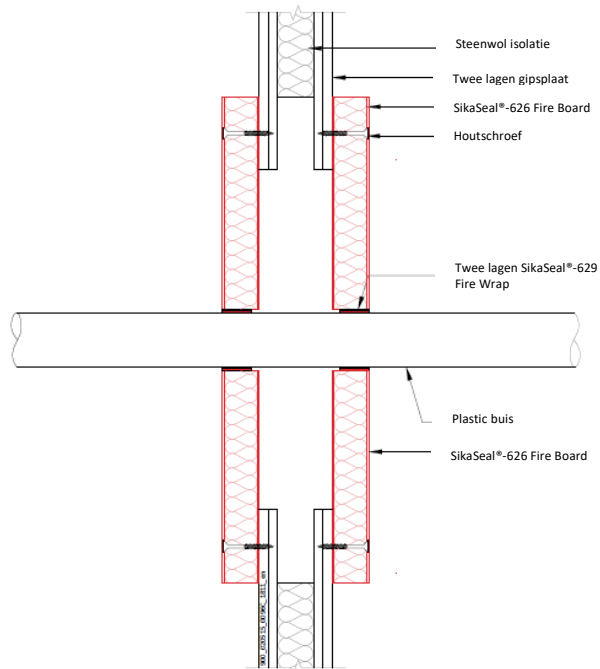
- Enkele laag SikaSeal®-626 Fire Board (50mm) geplaatst aan beide zijden van de wand
- Patress installatie van SikaSeal®-626 Fire Board. De platen zijn geïnstalleerd in horizontale rijen en bevestigd in minimum twee verticale randen. Overlap van platen met ondergrond min 100mm. Platen mechanisch bevestigd aan de ondergrond met min 6mm x 80mm stalen schroeven en stalen borgring. Bevestigingen geplaatst op max 300mm middelpunt
- Max. openingsafmeting 730mm breed x 1200mm hoog
- SikaSeal®-628 Fire Wrap intern bevestigd tussen beide zijden van het SikaSeal®-626 Fire Board
- Doorvoeringen gepositioneerd zoals op optie 1 of 2 hieronder, 0mm afstand tussen nutsleidingen en 50mm tot de rand van de afdichting
- Eerste steun 400mm van beide zijden van de ondergrond

Intumescerende dikte	
Buisdiameter	Intumescerend materiaal
ø 32 mm - ø 50 mm	40 mm (W) x 2 mm (T)
ø 51 mm - ø 82 mm	40 mm (W) x 4 mm (T)
ø 83 mm - ø 115 mm	40 mm (W) x 6 mm (T)
ø 116 mm - ø 160 mm	40 mm (W) x 8 mm (T)
ø 161 mm - ø 200 mm	40 mm (W) x 10 mm (T)
ø 201 mm - ø 250 mm	40 mm (W) x 12 mm (T)

Optie 1

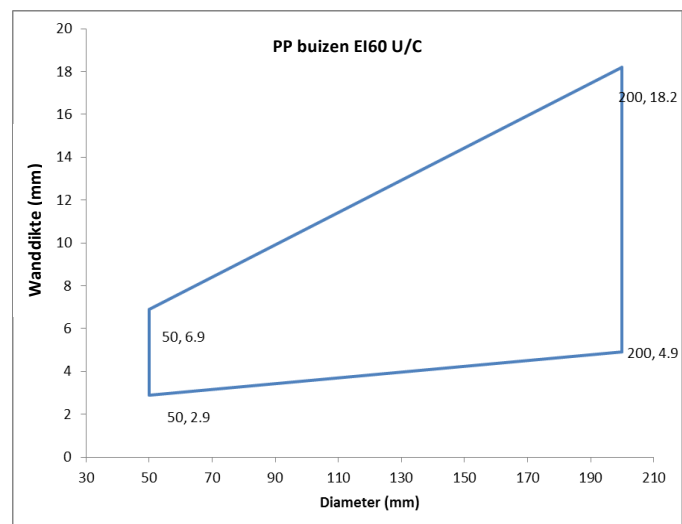
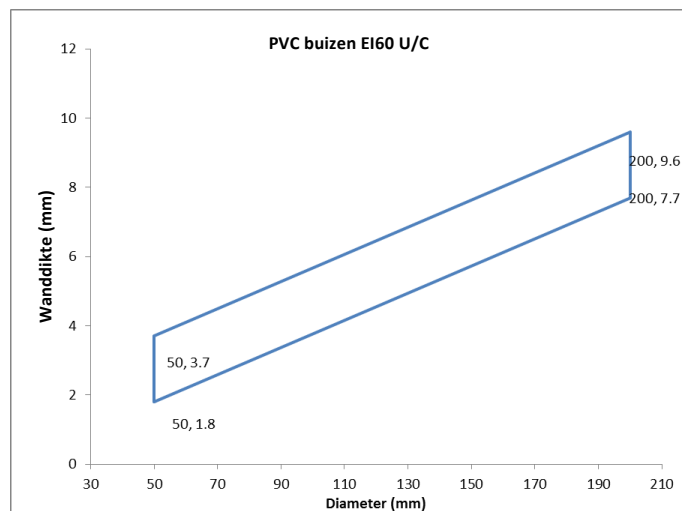
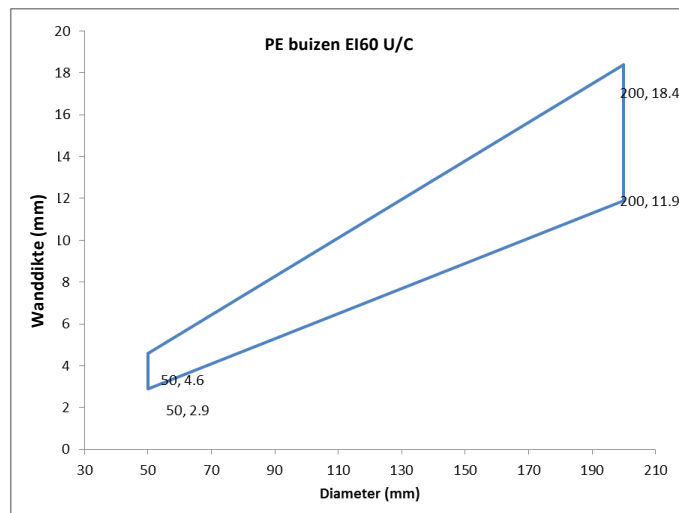
Optie 2

Legende
1 Draagconstructie
a1 Buis/bovenrand van dichtingsscheiding
a2 Buis/zijrand van dichtingsscheiding
a3 Buis/buisafsluiting



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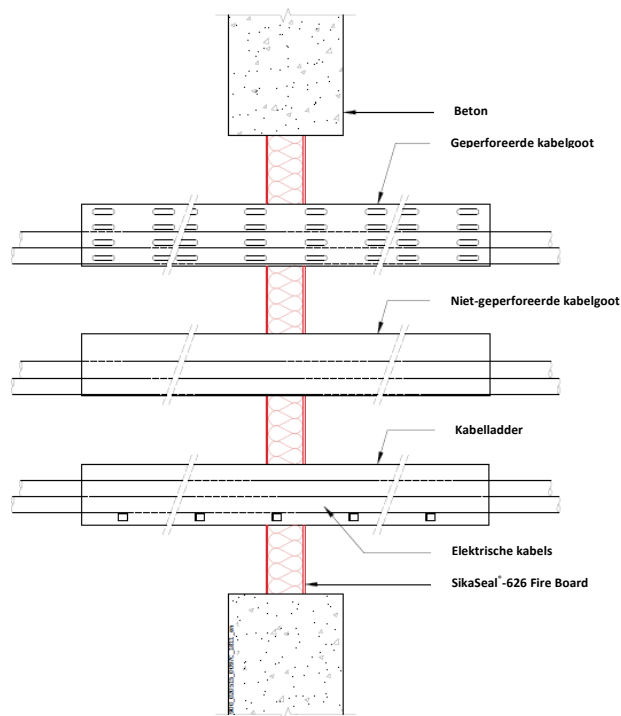
A3 SikaSeal®-626 Fire Board doorvoeringsafdichting in rigide wanden min. 150 mm dik

A3.1 Enkele laag (50mm) SikaSeal®-626 Fire Board doorvoeringsafdichting

A3.1.1 Kabeldoorvoeringen

Constructiedetails:

- Enkele laag SikaSeal®-626 Fire Board (50mm) geïnstalleerd binnenin de wand
- Max. openingsafmeting 600mm breed x 600mm hoog
- Kabels en kabelgoten bekleed met een enkele laag 6 mm dikke Thermal Defense Wrap (L/I 300mm)
- Eerste steun 250mm van beide zijden van de ondergrond



Nutsleidingen	Classificatie
Elektrische kabels tot 80mm Ø	EI 60
Kabelgoten en kabelladders	EI 60
100 mm diameter bundel telecommunicatiekabel type "F"	EI 60
Niet-omhulde elektrische kabels tot 24mmØ	EI 60

Prestatieverklaring

SikaSeal®-626 Fire Board

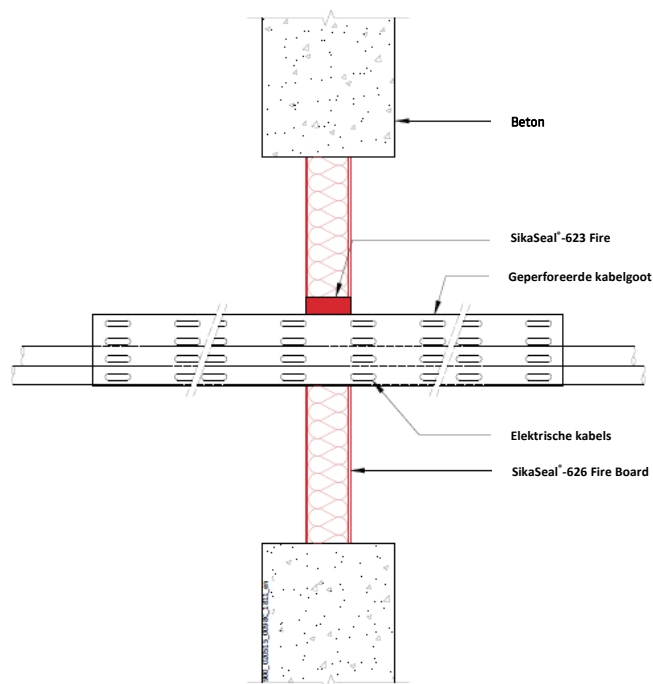
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Constructiedetails:

- Enkele laag SikaSeal®-626 Fire Board (50mm) geïnstalleerd binnenin de wand
- Max. openingafmeting 750mm breed x 1100mm hoog
- Alle kabels bekleed met 2mm DFT PST Coating 300mm langs de kabels beide kanten van de afdichting
- 50mm diepe x 20mm brede annulus SikaSeal®-623 Fire Sealant
- Eerste steun 400mm van beide zijden van de ondergrond



Nutsleidingen	Classificatie
500mm geperforeerde kabelgoot	EI30
Elektrische kabels tot 21mm ø	EI45
1 off 'C1' kabel	
1 off 'C2' kabel	
1 off 'C3' kabel	

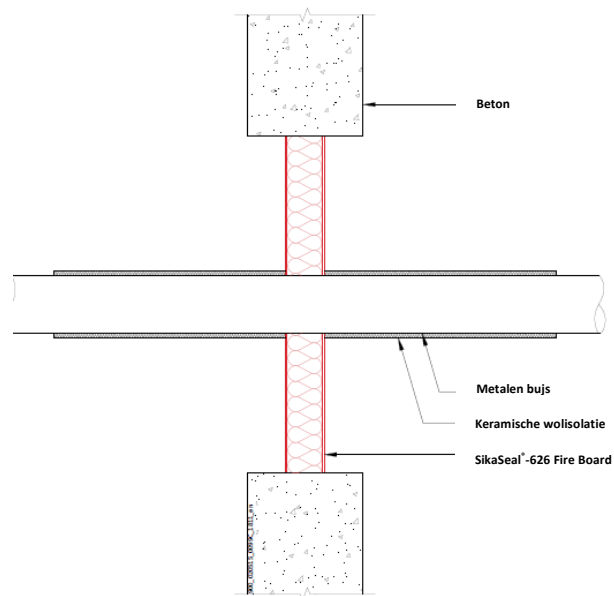
Prestatieverklaring

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A3.1.2 Metalen buisdoorvoeringen

Constructiedetails:

- Enkele laag SikaSeal®-626 Fire Board (50mm) geïnstalleerd binnenin de wand
- Max. openingsafmeting 600mm breed x 600mm hoog
- Metalen buizen bekleed met een enkele laag 6mm dik Thermal Defense Wrap (L/I 300mm)
- Eerste steun 250mm van beide zijden van de ondergrond



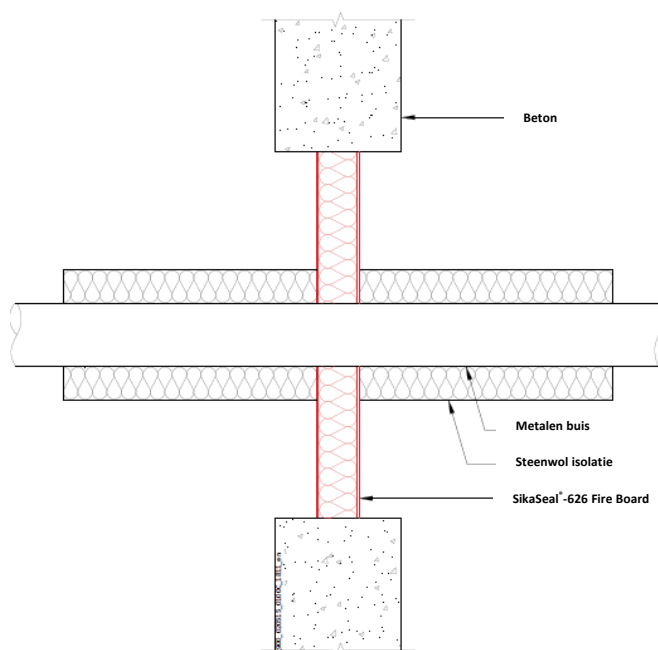
Nutsleidingen	Classificatie
Stalen of koperen buis 108mm Ø, 1,5mm – 14,2mm wanddikte. (C/S) 40mm steenwol isolatie (min 140Kg/m³)	E60 C/U EI45 C/U

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Constructiedetails:

- Enkele laag SikaSeal®-626 Fire Board (50mm) geïnstalleerd binnenin de wand
- Max. openingsafmeting 730mm breed x 1100mm hoog
- Eerste steun 400mm van beide zijden van de ondergrond



Nutsleidingen	Classificatie
Stalen of koperen buis 42mm Ø, 1,2mm – 14,2mm wanddikte. (L/I 300mm) 40mm steenwol isolatie (min 40Kg/m³)	EI45 C/U
Stalen of koperen buis 42mm – 159mm Ø, 2mm – 14,2mm wanddikte. (L/I 300mm) 40mm steenwol isolatie (min 40Kg/m³)	E45 C/U EI15 C/U

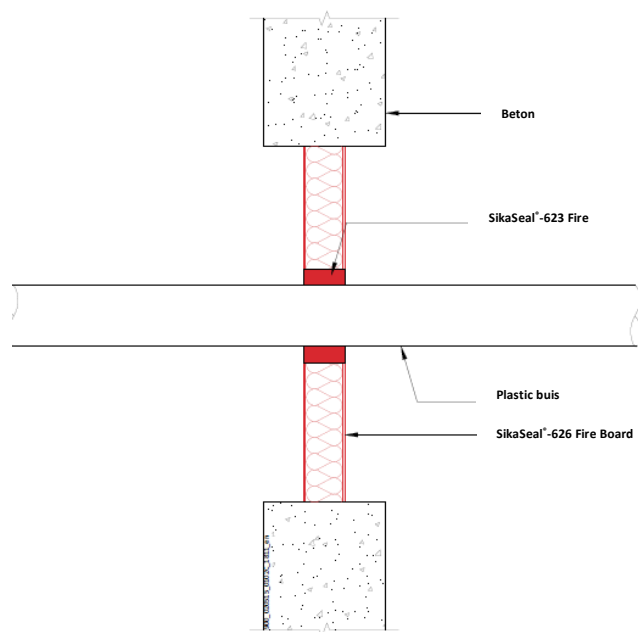
Prestatieverklaring

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A3.1.3 Plastic buisdoorvoeringen

Constructiedetails:

- Enkele laag SikaSeal®-626 Fire Board (50mm) geïnstalleerd binnenin de wand
- Max. openingsafmeting 750mm breed x 1100mm hoog
- SikaSeal®-623 Fire 20mm annulus volle 50mm diepte van het SikaSeal®-626 Fire Board
- Eerste steun 400mm van beide zijden van de ondergrond



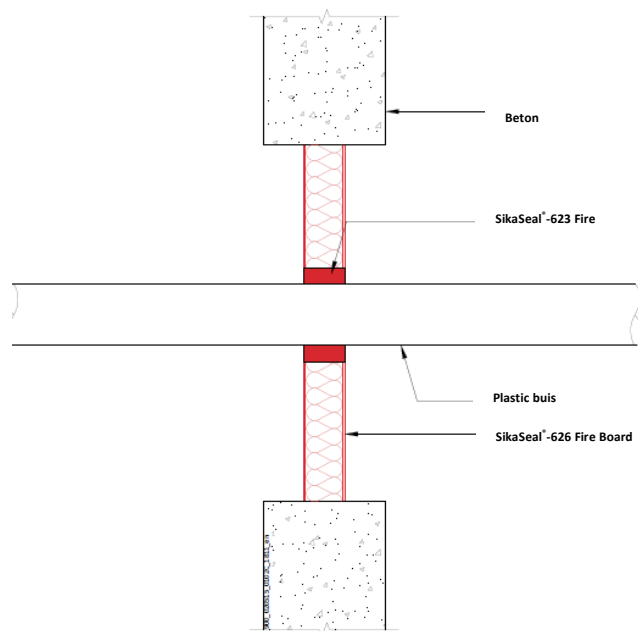
Doorvoeringsspecificatie	Classificatie
Uponor MLC (Meerlagig Composiet) buis 40mm ø 4mm wanddikte	E45 U/C EI30 U/C
Uponor MLC (Meerlagig Composiet) buis 50mm ø 4,5mm wanddikte	
Uponor MLC (Meerlagig Composiet) buis 63mm ø 6mm wanddikte	
Uponor MLC (Meerlagig Composiet) buis 75mm ø 7,5mm wanddikte	
Uponor MLC (Meerlagig Composiet) buis 90mm ø 8,5mm wanddikte	
Uponor MLC (Meerlagig Composiet) buis 110mm ø 10mm wanddikte	

Prestatieverklaring

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Constructiedetails:

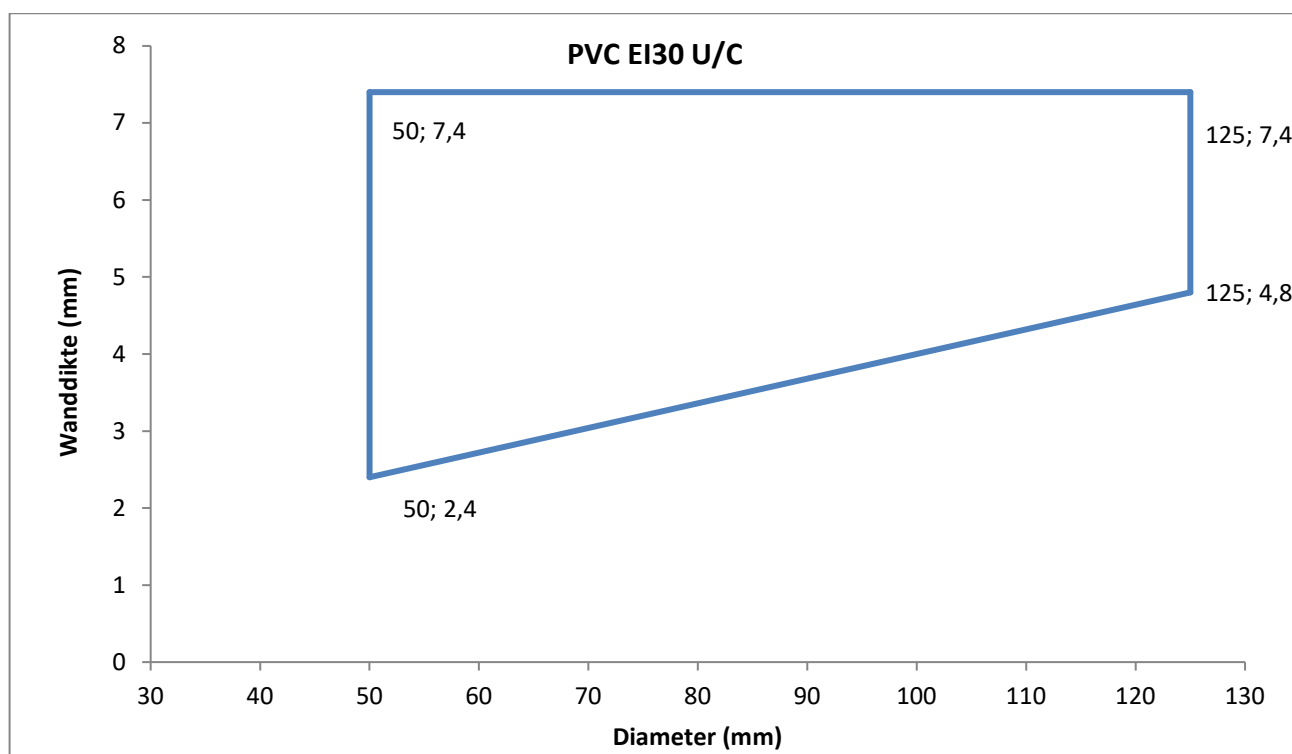
- Enkele laag SikaSeal®-626 Fire Board (50mm) geïnstalleerd binnenin de wand
- Max. openingsafmeting 750mm breed x 1100mm hoog
- SikaSeal®-623 Fire 20mm annulus volle 50mm diepte van de SikaSeal®-626 Fire Board
- Eerste steun 400mm van beide zijden van de ondergrond



Doorvoeringsspecificatie	Classificatie
PVC buis 50mm ø 2,4-7,4mm wanddikte	EI45 U/C
Zie toepassingsgebied op onderstaande diagrammen	

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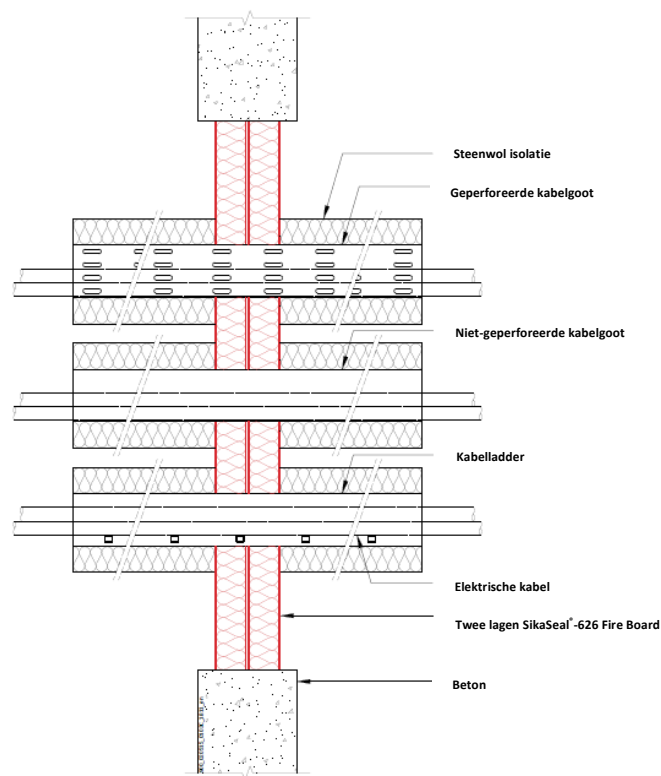
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A3.2 Dubbele laag (50mm) SikaSeal® -626 Fire Board doorvoeringsafdichting

A3.2.1 Kabeldoorvoeringen

Constructiedetails:

- Dubbele laag SikaSeal® -626 Fire Board (50mm) geïnstalleerd binnenin de wand
- Max. openingsafmeting 700mm breed x 1100mm hoog
- Kabels en kabelgoten bekleed met steenwolisolatie 45mm dik, 40Kg/m3 (L/I 200mm)
- Eerste steun 400mm van beide zijden van de ondergrond



Nutsleidingen	Classificatie
Elektrische kabels tot 21mm dia	EI 120
Elektrische kabels 22mm – 80mm dia	E120, EI90
Kabelgoten en kabelladders	EI 120
100 mm diameter bundel telecommunicatiekabel type "F"	EI 120
Niet-omhulde elektrische kabels tot 24mm dia	EI 120

Prestatieverklaring

SikaSeal®-626 Fire Board

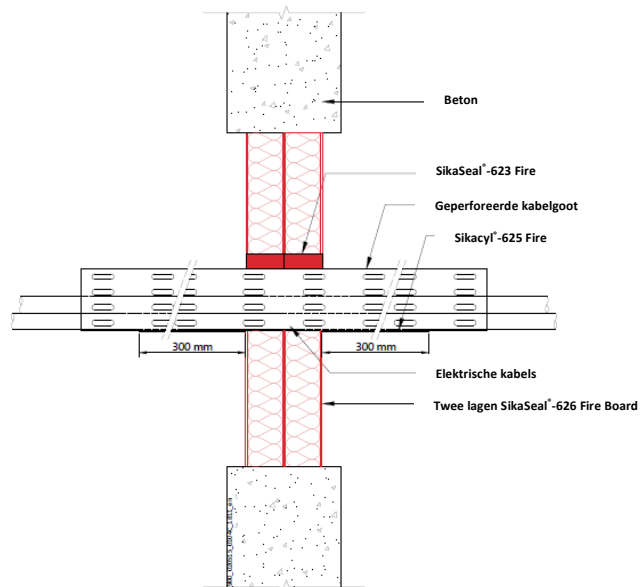
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Constructiedetails:

- Dubbele laag SikaSeal®-626 Fire Board (50mm) geïnstalleerd binnenin de wand
- Max. openingsafmeting 750mm breed x 1200mm hoog
- Kabels en kabelgoten bekleed met steenwolisolatie 45mm dik, 40Kg/m3 (L/I 200mm)
- SikaSeal®-623 Fire 20mm annulus volle 50mm diepte van het SikaSeal®-626 Fire Board
- Eerste steun 400mm van beide zijden van de ondergrond



Doorvoeringsspecificatie	Classificatie
500mm geperforeerde kabelgoot	E1120
Elektrische kabels tot 21mm ø	
1 off 'C1' kabel	
1 off 'C2' kabel	E120 EI90
1 off 'C3' kabel	E1120

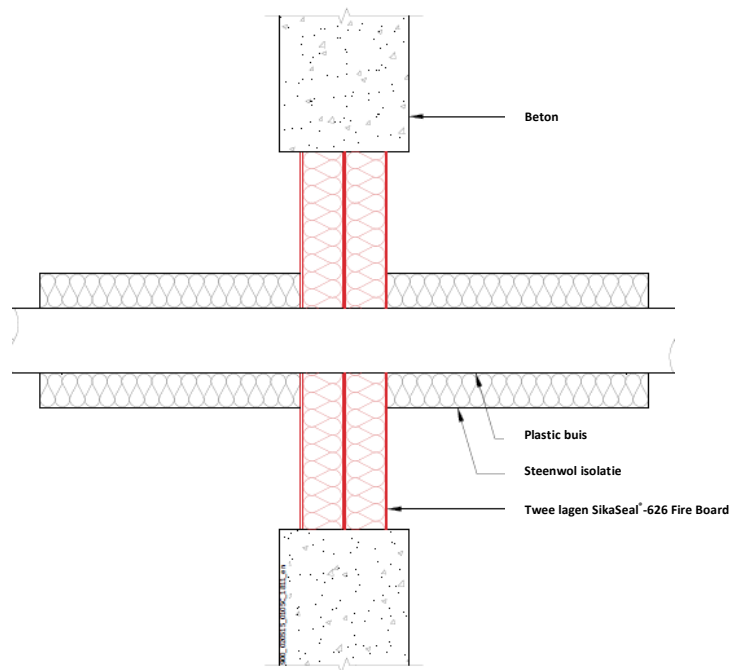
Prestatieverklaring

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A3.2.2 Metalen buisdoorvoeringen

Constructiedetails:

- Dubbele laag SikaSeal®-626 Fire Board (50mm) geïnstalleerd binnenin de wand
- Max. openingsafmeting 700mm breed x 1100mm hoog
- Kabels en kabelgoten bekleed met 40mm steenwolisolatie (min 40Kg/m³) (L/I 300mm)
- Eerste steun 400mm van beide zijden van de ondergrond



Nutsleidingen	Classificatie
Stalen of koperen buis 42mm Ø, 1,2mm – 14,2mm wanddikte. (L/I 300mm) 40mm steenwolisolatie (min 40Kg/m ³)	E120 C/U EI60 C/U
Stalen of koperen buis 42mm – 159mm Ø, 2mm – 14,2mm wanddikte. (L/I 300mm) 40mm steenwolisolatie (min 40Kg/m ³)	E120 C/U EI30 C/U

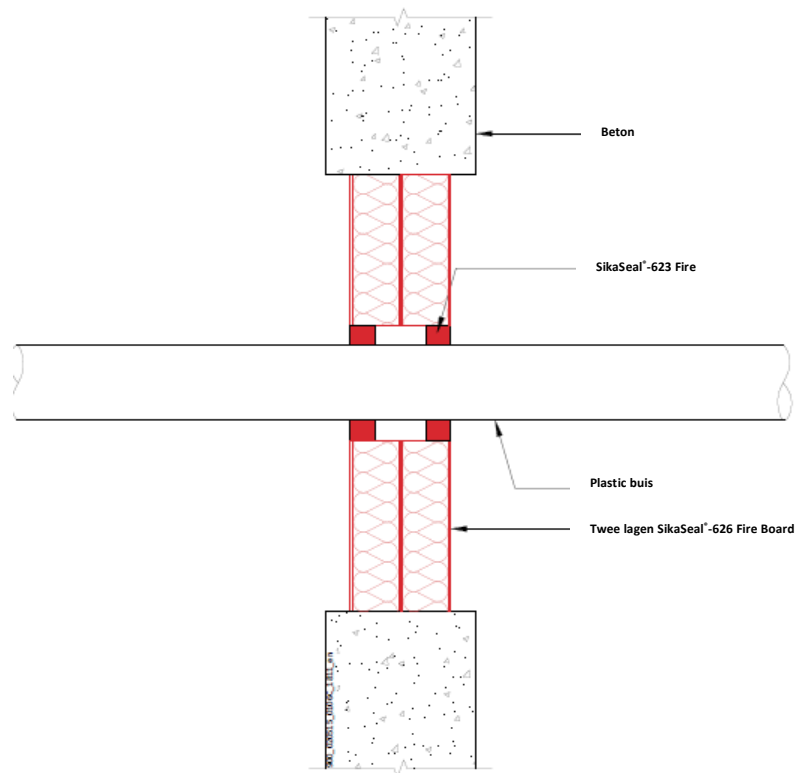
Prestatieverklaring

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A3.2.3 Plastic buisdoorvoeringen

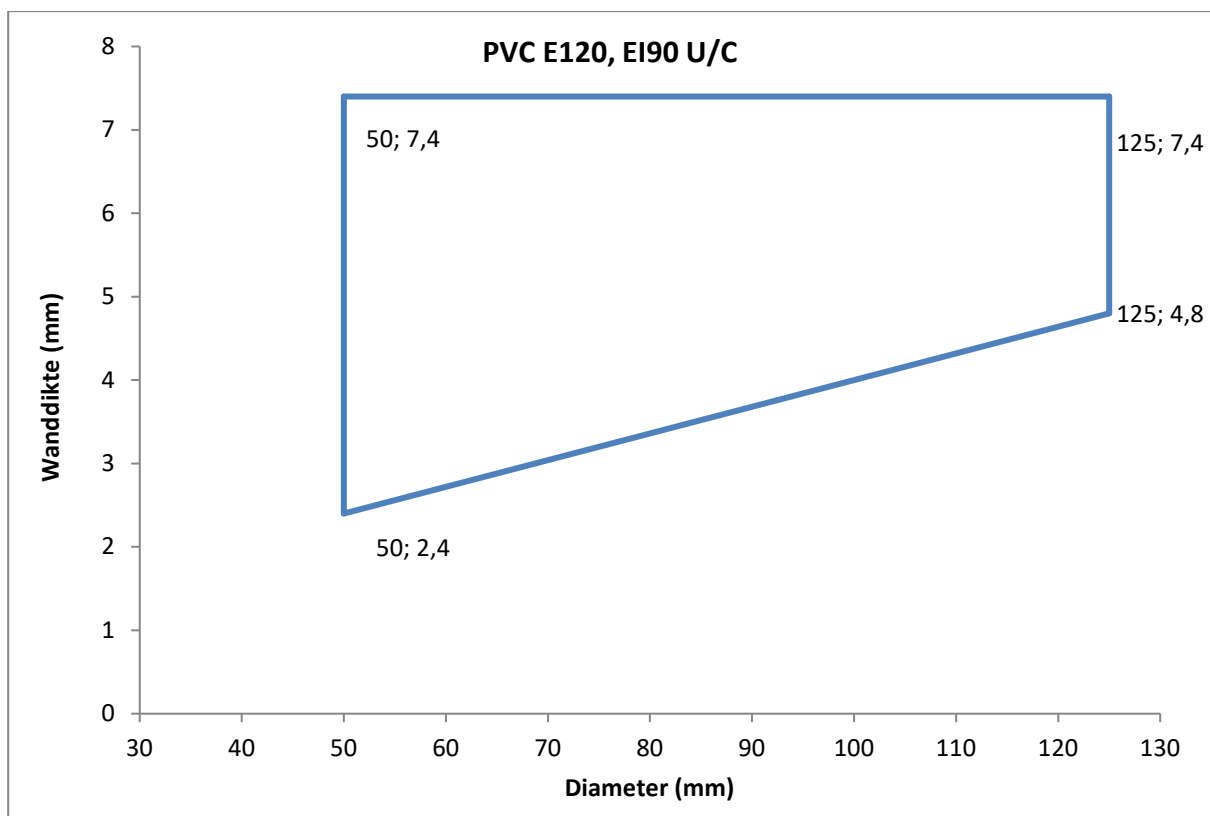
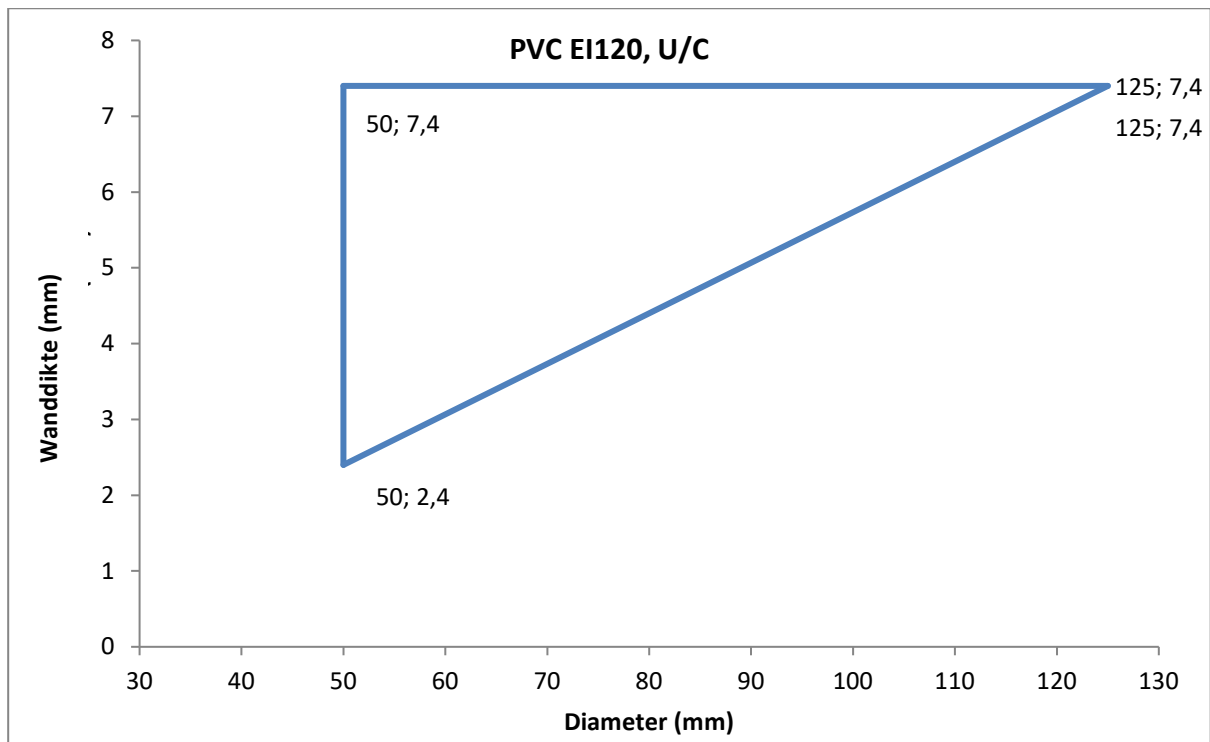
Constructiedetails:

- Dubbele laag SikaSeal®-626 Fire Board (50mm) geïnstalleerd binnenin de wand
- Max. openingsafmeting 750mm breed x 1100mm hoog
- SikaSeal®-623 Fire 20mm annulus, 25mm diepte beide kanten van het SikaSeal®-626 Fire Board
- Eerste steun 400mm van beide zijden van de ondergrond



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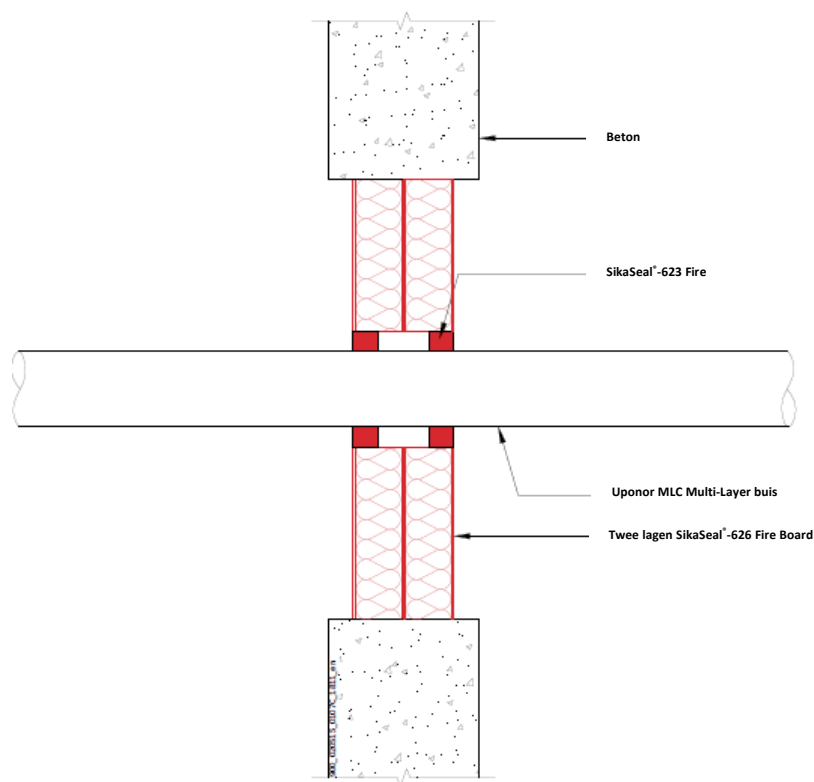


Prestatieverklaring

SikaSeal®-626 Fire Board
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Constructiedetails:

- Dubbele laag SikaSeal®-626 Fire Board (50mm) geïnstalleerd binnenin de wand
- Max. openingsafmeting 750mm breed x 1100mm hoog
- SikaSeal®-623 Fire 20mm annulus, 25mm diepte beide zijden van het SikaSeal®-626 Fire Board
- Eerste steun 400mm van beide zijden van de ondergrond



Doorvoeringsspecificatie	Classificatie
Uponor MLC (Meerlagig Composiet) buis 40mm ø 4mm wanddikte	EI120 U/C
Uponor MLC (Meerlagig Composiet) buis 50mm ø 4,5mm wanddikte	
Uponor MLC (Meerlagig Composiet) buis 63mm ø 6mm wanddikte	
Uponor MLC (Meerlagig Composiet) buis 75mm ø 7,5mm wanddikte	
Uponor MLC (Meerlagig Composiet) buis 90mm ø 8,5mm wanddikte	
Uponor MLC (Meerlagig Composiet) buis 110mm ø 10mm wanddikte	

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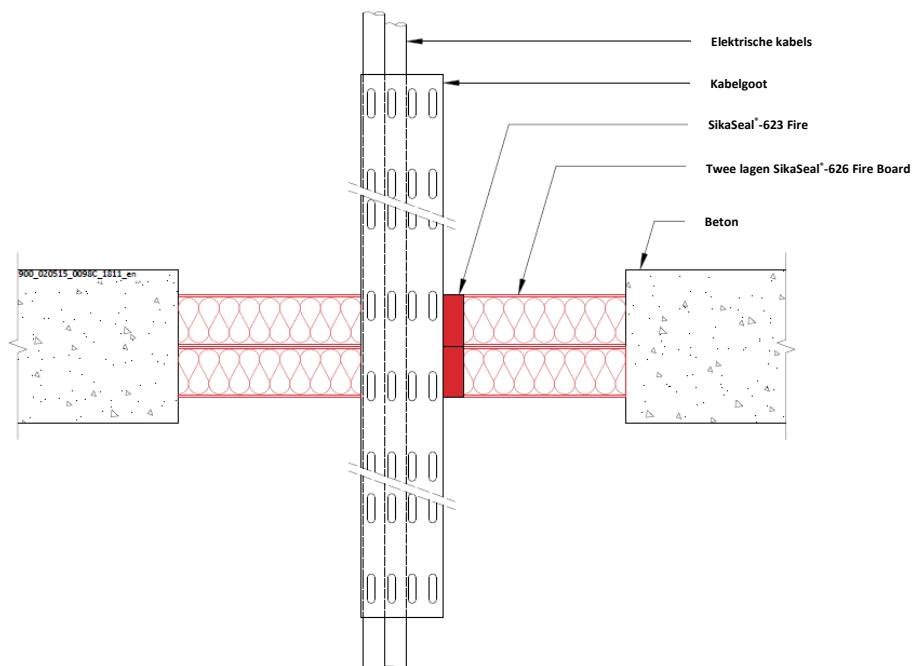
A3 SikaSeal®-626 Fire Board doorvoeringsafdichting in rigide vloeren min. 150 mm dik

A3.1 Dubbele laag (50mm) SikaSeal®-626 Fire Board doorvoeringsafdichting

A3.1.1 Kabeldoorvoeringen

Constructiedetails:

- Dubbele laag SikaSeal®-626 Fire Board (50mm) geïnstalleerd binnenin de vloer
- Max. opningsafmeting 700mm breed x 1100mm hoog
- Alle kabels bekleed met 2mm DFT PST Coating 300mm langs de kabels bovenzijde van de afdichting
- SikaSeal®-623 Fire 20mm annulus volle 25mm diepte beide zijden van de vloer
- Eerste steun 400mm van beide zijden van de ondergrond



Doorvoeringsspecificatie	Classificatie
500mm geperforeerde kabelgoot	EI60
Elektrische kabels tot 21mm ø	
1 off 'C1' kabel	
1 off 'C2' kabel	
1 off 'C3' kabel	

Prestatieverklaring

SikaSeal®-626 Fire Board

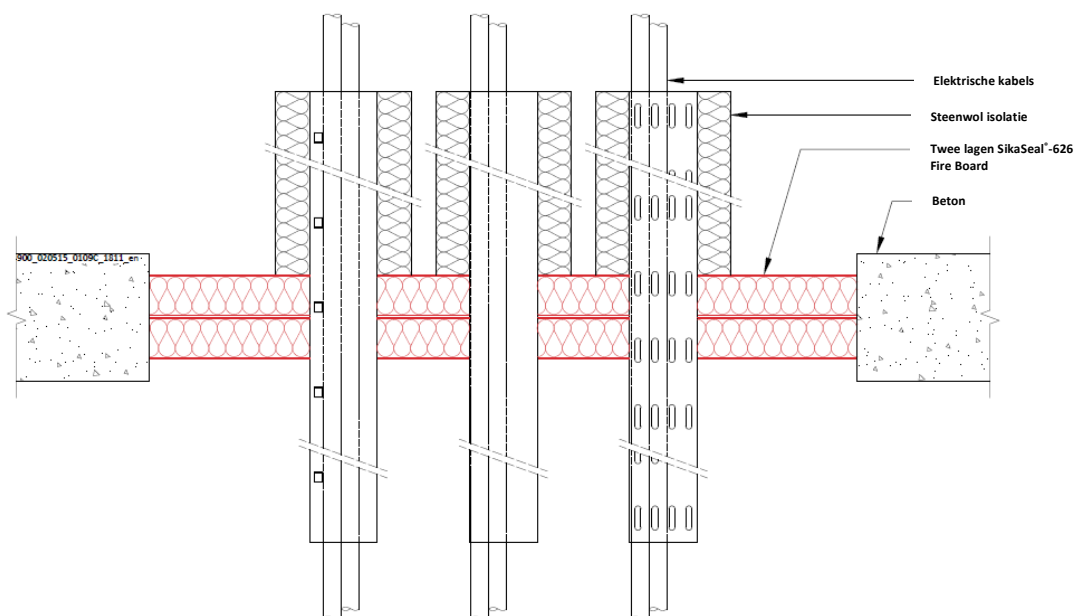
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Constructiedetails:

- Dubbele laag SikaSeal®-626 Fire Board (50mm) geïnstalleerd binnenin de vloer.
- Max. openingsafmeting 700mm breed x 1100mm hoog
- Kabels en kabelgoten bekleed met een enkele laag 40mm dikke steenwol, min 40kg/m3 (L/I 300mm)
- Eerste steun 400mm van beide zijden van de ondergrond



Nutsleidingen	Classificatie
Elektrische kabels tot 80mm dia	EI60
Kabelgoten en kabelladders	
100 mm diameter bundel telecommunicatie kabel type "F"	
Niet-omhulde elektrische kabels tot 17mm dia	
Niet-omhulde elektrische kabels 18-24mm dia	
Stalen of koperen buizen tot 16mm	
Plastic buizen tot 16mm	

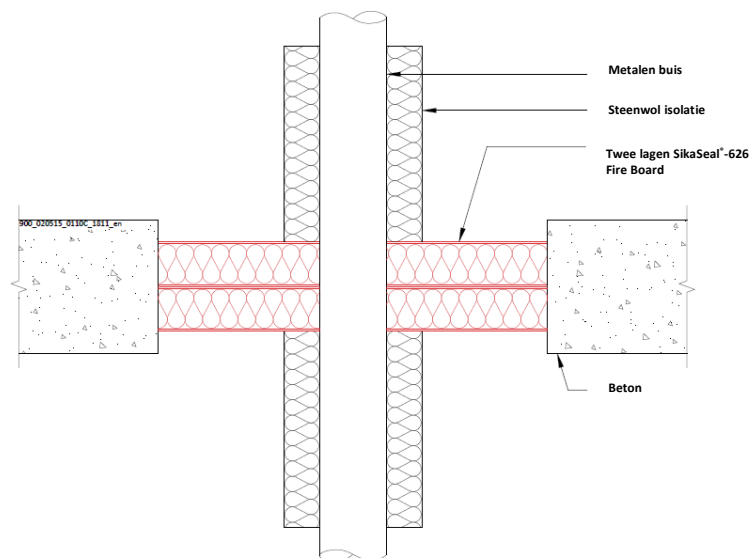
Prestatieverklaring

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A3.1.2 Metalen buisdoorvoeringen

Constructiedetails:

- Dubbele laag SikaSeal®-626 Fire Board (50mm) geïnstalleerd binnenin de wand.
- Max. openingsafmeting 700mm breed x 1100mm hoog
- Kabels en kabelgoten bekleed met 40mm steenwol isolatie (min 40kg/m³) (L/I 300mm)
- Eerste steun 400mm van beide zijden van de ondergrond



Nutsleidingen	Classificatie
Stalen of koperen buis 42mm Ø, 1,2mm – 14,2mm wanddikte	EI120 C/U
Stalen of koperen buis 42mm – 159mm Ø, 2mm – 14,2mm wanddikte	E120 C/U EI30 C/U

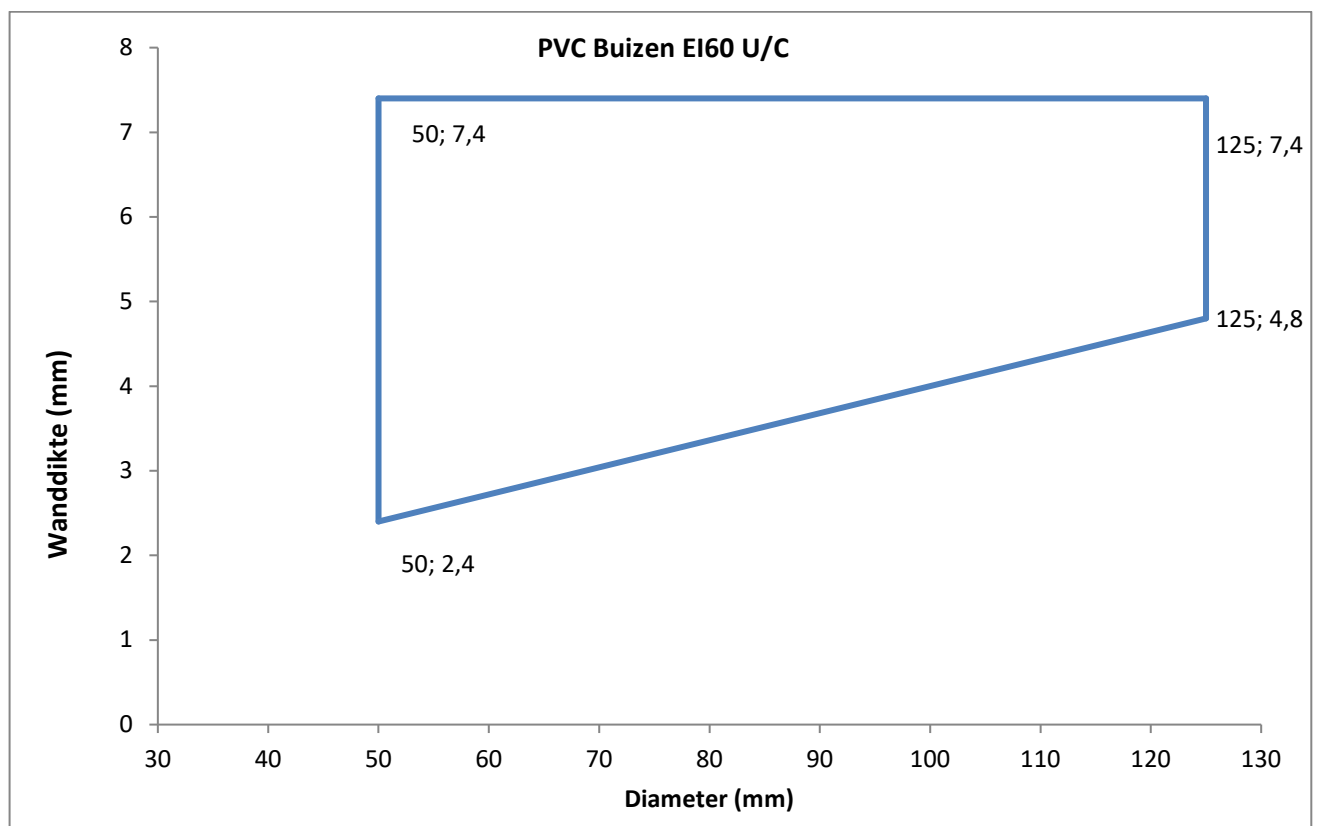
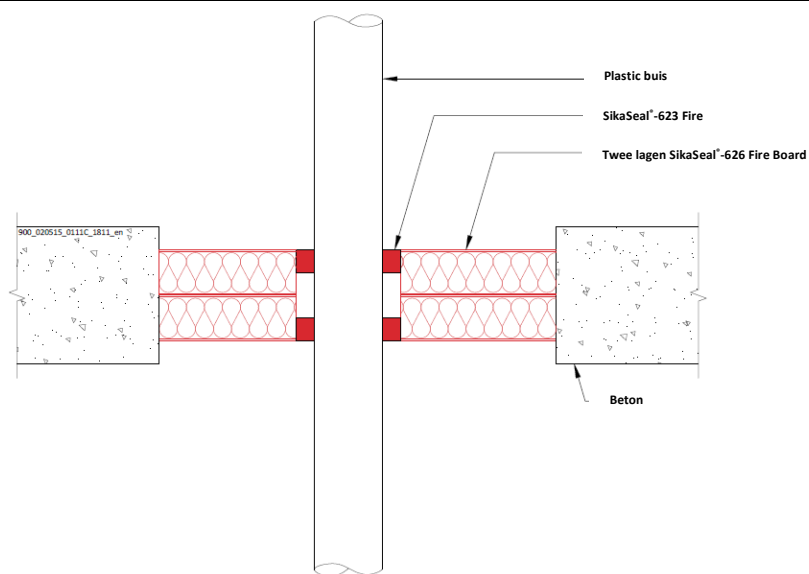
Prestatieverklaring

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A3.1.3 Plastic buisdoorvoeringen

Constructiedetails:

- Dubbele laag SikaSeal® - 626 Fire Board (50mm) geïnstalleerd binnenin de vloer.
- Max. openingsafmeting 750mm breed x 1100mm hoog
- SikaSeal®-623 Fire 20mm annulus, 25mm diep beide zijden van het SikaSeal® - 626 Fire Board
- Eerste steun 400mm van beide zijden van de ondergrond

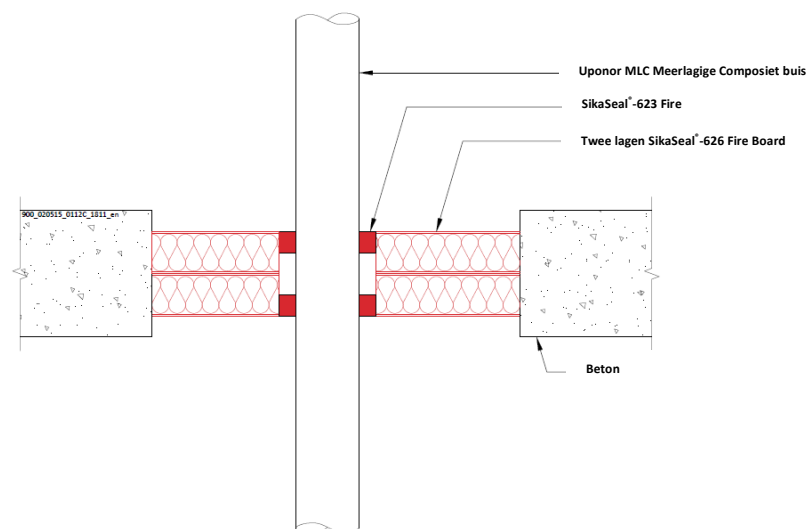


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Constructiedetails:

- Dubbele laag SikaSeal®-626 Fire Board (50mm) geïnstalleerd binnenin de vloer.
- Max. openingsafmeting 750 mm breed x 1100mm hoog
- SikaSeal®-623 Fire 20mm annulus, 25mm diep beide zijden van het SikaSeal®-626 Fire Board
- Eerste steun 400mm van beide zijden van de ondergrond



Doorvoeringsspecificatie	Classificatie
Uponor MLC (Meerlagig composiet) buis 40mm ø 4mm wanddikte	EI60 U/C
Uponor MLC (Meerlagig composiet) buis 50mm ø 4,5mm wanddikte	
Uponor MLC (Meerlagig composiet) buis 63mm ø 6mm wanddikte	
Uponor MLC (Meerlagig composiet) buis 75mm ø 7,5mm wanddikte	
Uponor MLC (Meerlagig composiet) buis 90mm ø 8,5mm wanddikte	
Uponor MLC (Meerlagig composiet) buis 110mm ø 10mm wanddikte	

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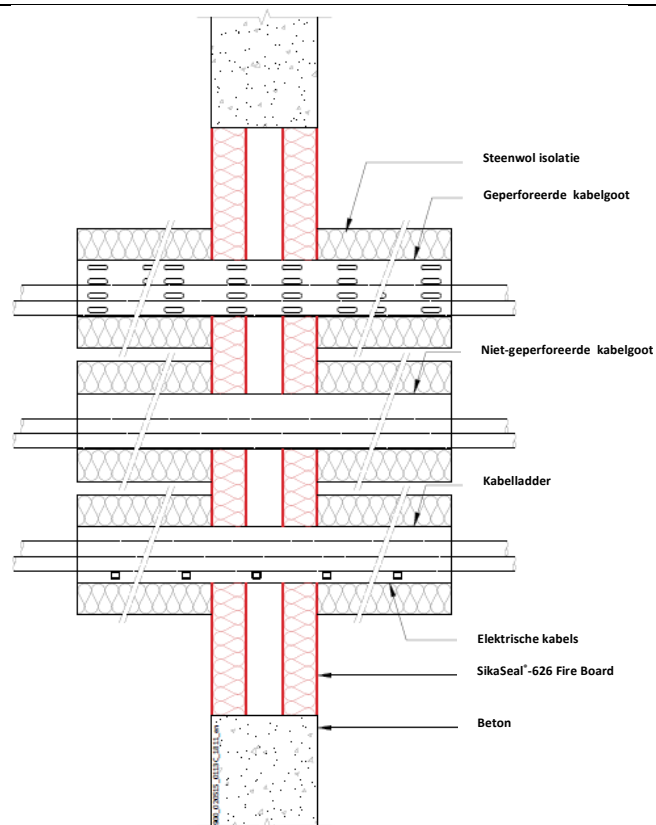
A3 SikaSeal® - 626 Fire Board doorvoeringsafdichting in rigide muren min. 150 mm dik

A3.1 Dubbele laag (60mm) SikaSeal®-626 Fire Board doorvoeringsafdichting

A3.1.1 Kabeldoorvoeringen

Constructiedetails:

- Dubbele laag SikaSeal®-626 Fire Board (50mm) geïnstalleerd binnenin de wand.
- Max. openingsafmeting 700mm breed x 1100mm hoog
- Kabels en kabelgoten bekleed met steenwolisolatie 45mm dik, 40kg/m³ (L/I 200mm)
- Eerste steun 400mm van beide zijden van de ondergrond



Nutsleidingen	Classificatie
Elektrische kabels tot 21mm dia	EI 120
Elektrische kabels 22mm – 80mm dia	E120 EI90
Kabelgoten en kabelladders	EI 120
100 mm diameter bundel telecommunicatiekabel type “F”	EI 120
Niet-omhulde elektrische kabels tot 24mm dia	EI 120

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8 GEËIGENDE TECHNISCHE DOCUMENTATIE EN/OF SPECIFIEKE TECHNISCHE DOCUMENTATIE

De prestaties van het hierboven omschreven product zijn conform de aangegeven prestaties. Deze prestatieverklaring wordt in overeenstemming met Verordening (EU) nr. 305/2011 onder de exclusieve verantwoordelijkheid van de hierboven vermelde fabrikant verstrekt.

Ondertekend voor en namens de fabrikant door:

Naam: Paul Magera
Functie: General Manager
Te Nazareth op 30 januari 2019



Naam: Rudi Naert
Functie: Technical Manager
Te Nazareth op 30 januari 2019



Einde van de informatie zoals vereist bij Verordening (EU) nr. 305/2011

VOLLEDIGE CE MARKERING

 19
Sika Services AG, Zurich, Switzerland
47307086
EAD 350454-00-1104:2017
1121
Fire stopping and fire sealing products, penetration seals

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

Product Type: Board		Intended use: Penetration Seal
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	No performance determined
EN 13501-2	Resistance to fire	Annex A
BWR 3 Hygiene, Health and the Environment		
EN 1026:2000	Air permeability	See section 3.3
EAD 350454-00-1104	Water permeability	No performance determined
Declaration by manufacturer	Release of dangerous substances	Use category IA3, 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	Rw (C;Ctr)= 24(-2;-3)
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	Z1
BWR 7 Sustainable use of natural resources		
		No performance determined

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3.3 Air permeability

System SikaSeal® - 626 Fire Board has been tested in accordance with BS EN 1314-1 to provide the following results:

Product tested			SikaSeal® - 626 Fire Board	
	Results under positive chamber pressure		Results under negative chamber pressure	
Pressure (Pa)	Leakage (m ³ /h)	Leakage (m ³ /m ³ /h)	Leakage (m ³ /h)	Leakage (m ³ /m ³ /h)
50	0,6	0,8	1,1	1,5
100	1,0	1,4	1,3	1,8
150	2,8	3,9	1,5	2,1
200	3,8	5,3	1,9	2,6
250	4,5	6,3	2,0	2,8
300	5,0	6,9	2,4	3,3
450	5,1	7,1	1,9	2,6
600	6,7	9,3	2,2	3,1

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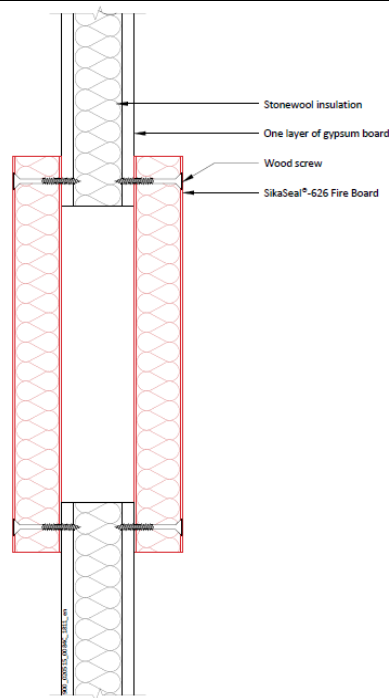
Annex A

Resistance to Fire Classification of SikaSeal® - 626 Fire Board

- A1 SikaSeal®-626 Fire Board Penetration Seal in Flexible or Rigid Walls min. 70 mm thick**
- A1.1 Single Layer (50mm both sides) SikaSeal® - 626 Fire Board Patress Install Penetration Seal**
- A1.1.1 Cable and Conduits Penetrations**

Construction details:

- Single layer of SikaSeal® - 626 Fire Board patress installed both sides of the wall.
- Max. Aperture size 570mm wide x 200mm high
- Patress installation of SikaSeal® - 626 Fire Board.
 - The SikaSeal® - 626 Fire Board are installed in horizontal rows and fixed in minimum two vertical edges. Overlap of Boards to substrate min 50mm. Boards mechanically fixed to substrate with min 6mm x 80mm steel screws and steel retaining washer. Fixings installed at max 300mm centres
- First support positioned 1025mm from both faces of the substrate



Service(s)	Classification
500mm wide x 60mm deep steel cable basket containing 3 x type 'B' cable and 20 x bundle of telecoms cables	EI90
500mm wide x 60mm deep steel cable tray containing 1 x type 'B' cable, 3 x type 'A1' cable, 3 x type 'A2' cable, and 3 x type 'A3' cable	

Service(s)	Classification
20mm dia Adaptaflex SPL20 flexible conduit	EI90
20mm dia Kopex KSU 316 stainless steel flexible conduit	
150mm wide x 60mm deep steel cable tray containing 4 x FP200 Gold (Firealarm cable 7mm dia red) cables	

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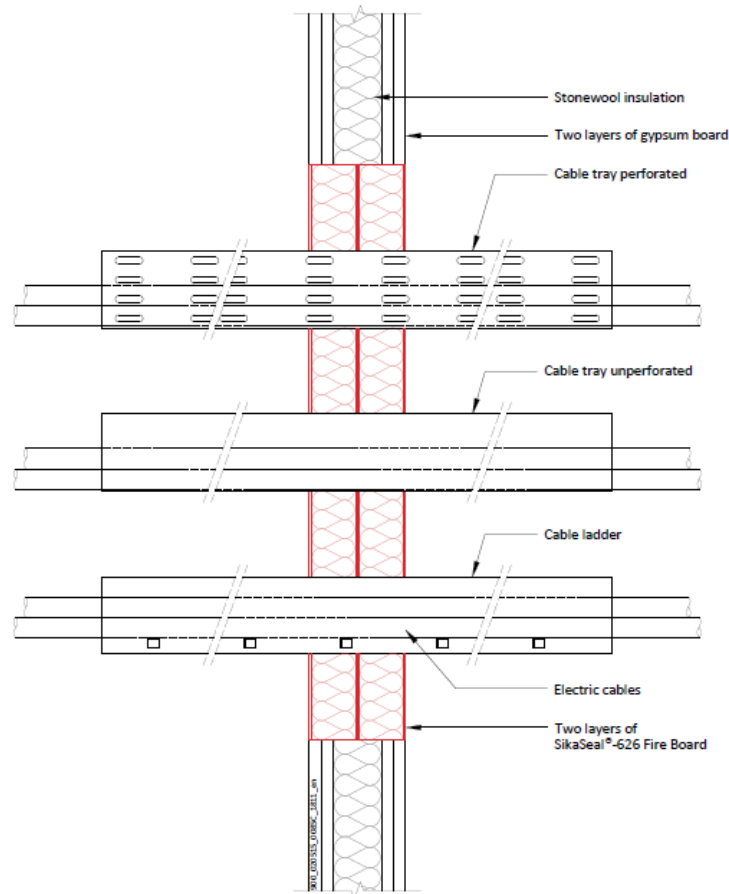
A2 SikaSeal® - 626 Fire Board Penetration Seal in Flexible or Rigid Walls min. 100 mm thick

A2.1 Double layer (50mm) SikaSeal® - 626 Fire Board Penetration Seal

A2.1.1 Cable Penetrations

Construction details:

- Double layer of SikaSeal®-626 Fire Board (50mm) installed internally within the wall.
- Max. Aperture size 730mm wide x 1200mm high
- First support positioned 250mm from both faces of the substrate



Service(s)	Classification
Electrical cables up to 21mm dia	EI 60
Electrical cables 22mm to 80mm dia	E 60 EI 45
Cable trays and ladders	EI 60
100 mm diameter bundle telecommunication cable type "F"	EI 60
Unsheathed electrical cables up to 17mm dia	E 60 EI 30
Unsheathed electrical cables 18-24mm dia	E 60 EI 15
Steel or copper conduits up to 16mm	E 60 EI 15

Prestatieverklaring

SikaSeal®-626 Fire Board

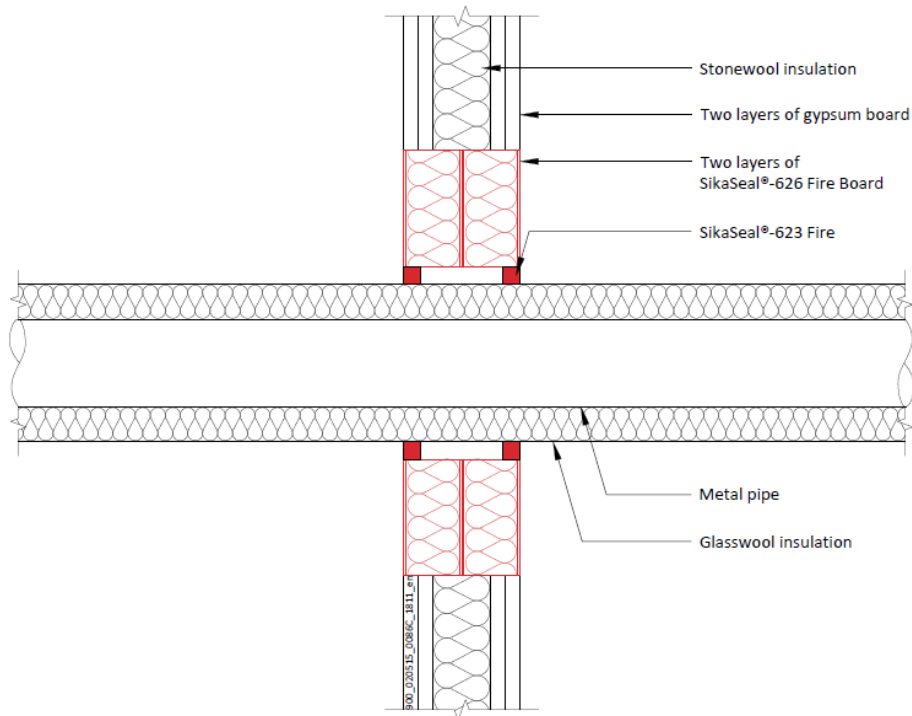
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A2.1.2 Metallic Pipe Penetrations**Construction details:**

- Double layer of SikaSeal® - 626 Fire Board (50mm) installed internally within wall
- Max. Aperture size 730mm wide x 1200mm high
- Continuous / Sustained CS insulated metallic pipes
- 15mm deep x 15mm wide annulus SikaSeal®-623 Fire Sealant to both faces
- First service support 250mm from both sides of the substrate



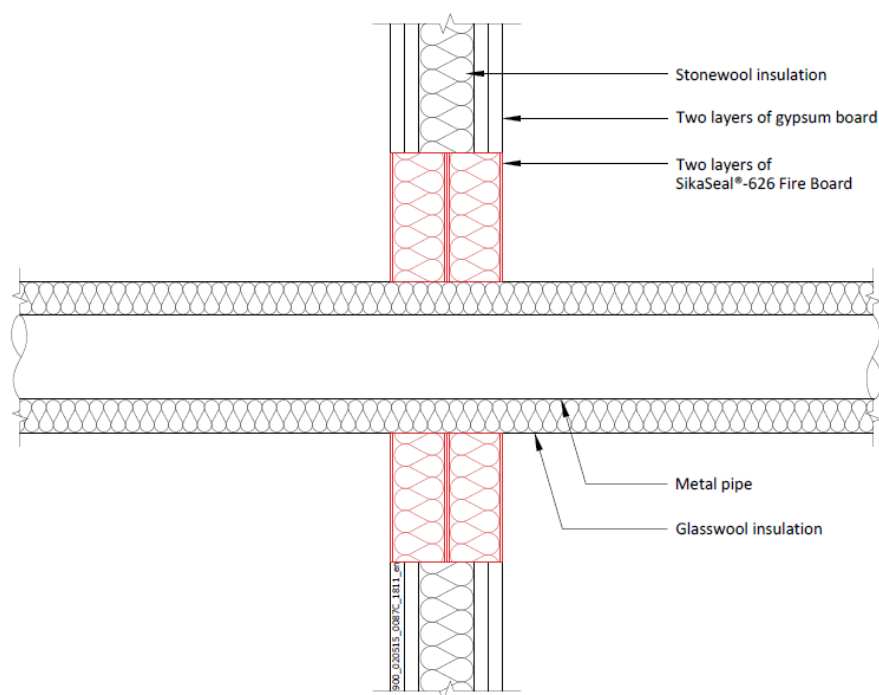
Service(s)	Classification
Single copper or mild steel pipe 40mm diameter and 1.5 – 14.2 mm wall with sustained/continuous 20mm thick foil faced glass wool insulation (min 80Kg/m ³)	E 90 U/C EI 60 U/C
Single copper or mild steel pipe 40-159mm diameter and 2.3 – 14.2 mm wall with sustained/continuous 30mm thick foil faced glass wool insulation (min 80Kg/m ³)	EI 60 U/C

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Construction details:

- Double layer of SikaSeal® - 626 Fire Board (50mm) installed internally within wall
- Max. Aperture size 600mm wide x 600mm high
- Continuous / Sustained CS insulated metallic pipes
- First support 400mm from both sides of the substrate



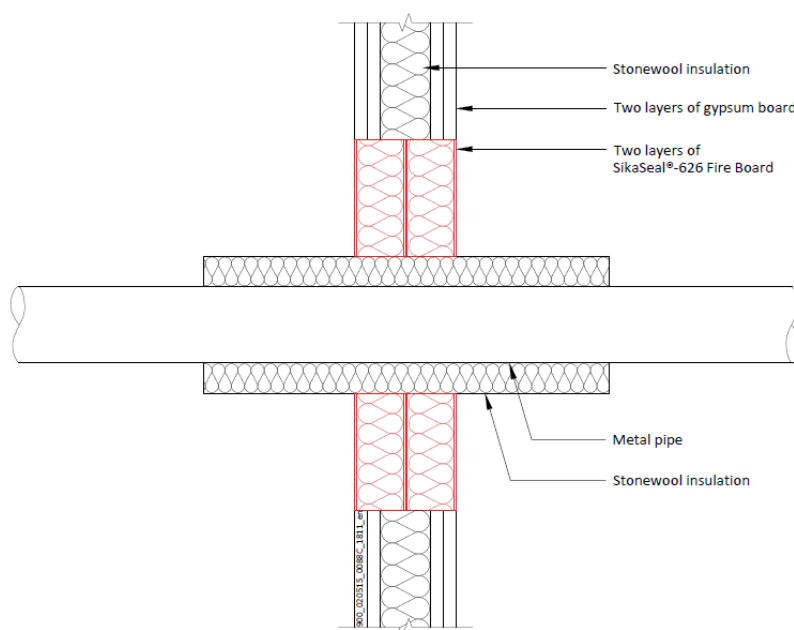
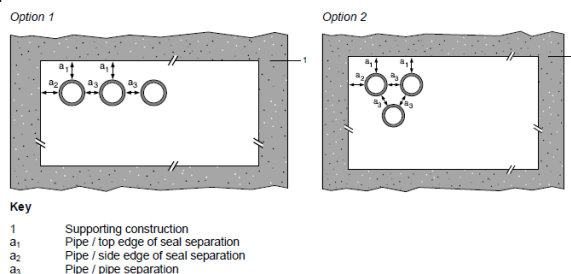
Service(s)	Classification
Steel or copper pipe 42-159mm Ø, 1.2mm – 14.2mm wall thickness. 25mm thick foil faced glassfibre insulation min. 30kg/m ³ (C/S)	E 120 C/U EI 45 C/U
Steel or copper pipe 42mm Ø, 1mm – 14.2mm wall thickness. 25mm thick foil faced glassfibre insulation min. 30kg/m ³ (C/S)	E 120 C/U EI 60 C/U

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Construction details:

- Double layer of SikaSeal® - 626 Fire Board (50mm) installed internally within wall
- Max. Aperture size 730mm wide x 1200mm high
- Continuous / Sustained CS insulated metallic pipes
- Penetrations positioned as per option 1 or 2 below, 0mm distance between services and 50mm to edge of seal
- First service support 400mm from both sides of the substrate



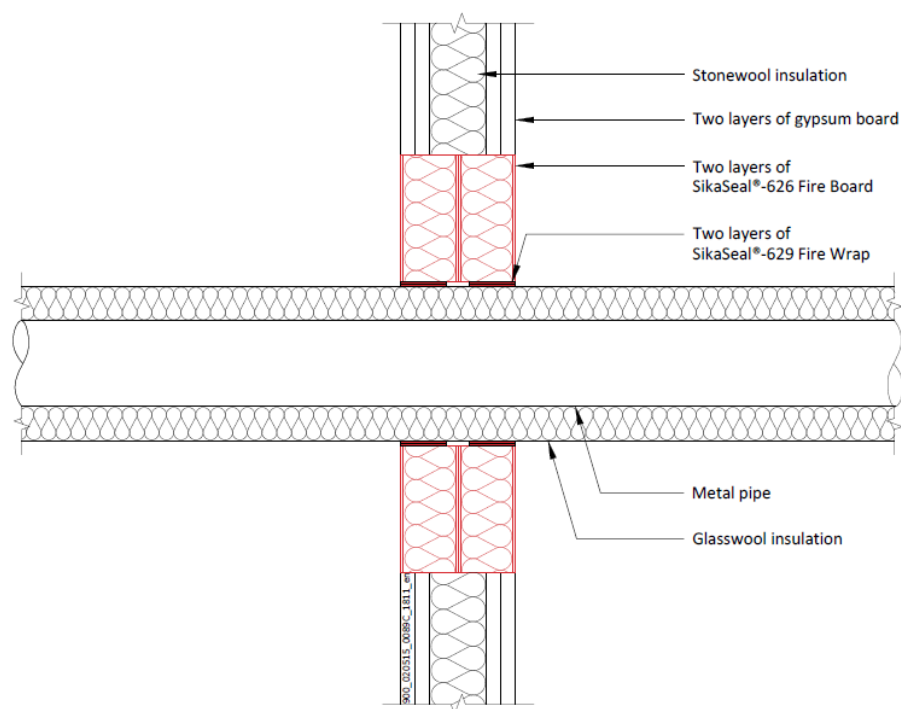
Service(s)	Classification
Steel of copper pipe 42-159mm $\varnothing$, 1.2mm – 14.2mm wall thickness 40mm thick stonewool insulation min. 40kg/m ³ (L/I 400mm)	EI 45 C/U
Steel 42-324mm $\varnothing$, 16mm wall thickness. 40mm thick stonewool insulation min. 40kg/m ³ (L/I 400mm)	EI 45 C/U
Steel of copper pipe 42-159mm $\varnothing$, 1.2mm – 14.2mm wall thickness PST coating along the penetration 2mm DFT (L/I 400mm)	E 120 C/U EI 45 C/U
Steel 42-324mm $\varnothing$, 16mm wall thickness. 14.2mm wall thickness PST coating along the penetration 2mm DFT (L/I 400mm)	E 120 C/U EI 45 C/U

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Construction details:

- Double layer of SikaSeal® - 626 Fire Board (50mm) installed internally within wall
- Max. Aperture size 750mm wide x 1200mm high
- Continuous / Sustained CS insulated metallic pipes
- 2 x 2mm thick layers of SikaSeal® - 629 Fire Wrap installed both sides of the SikaSeal® - 626 Fire Board
- First support 400mm from both sides of the substrate



Service(s)	Classification
Steel or copper pipe 42-159mm Ø, 1.2mm – 14.2mm wall thickness. 13-25mm thick K Flex ST Insulation (C/S)	E 120 C/U EI 60 C/U
Steel or copper pipe 42mm Ø, 1 – 14.2mm wall thickness. 25-13mm thick K Flex ST insulation (C/S)	E 120 C/U EI 90 C/U
¹ Steel or copper pipe 42-108mm Ø, 1.2 – 14.2mm wall thickness. 25 -40mm thick Kingspan Kooltherm FM insulation (C/S)	E 120 C/U EI 60 C/U
Steel or copper pipe 42mm Ø, 1–14.2mm wall thickness. 25 -40mm thick Kingspan Kooltherm FM insulation (C/S)	E 120 C/U EI 90 C/U
¹ Steel or copper pipe 42mm Ø, 1.2–14.2mm wall thickness. 50mm thick glassfibre insulation (C/S)	E 120 C/U EI 90 C/U

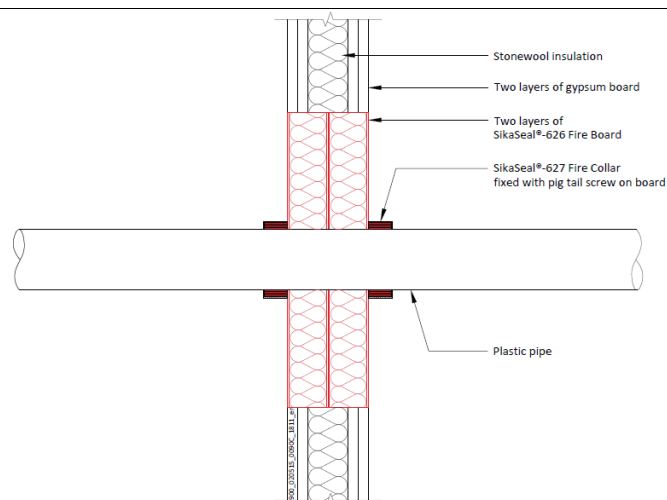
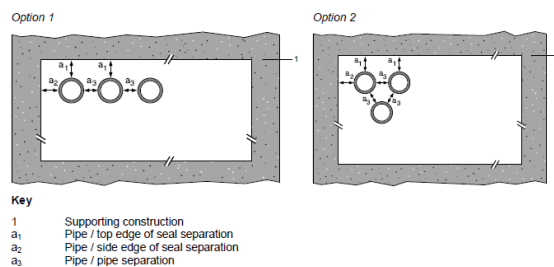
Prestatieverklaring

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A2.1.3 Plastic Pipe Penetrations

Construction details:

- Double layer of SikaSeal® - 626 Fire Board (50mm) installed internally within wall
- Max. Aperture size 730mm wide x 1200mm high
- SikaSeal® - 627 Fire Collar secured both faces of the substrate utilising 80mm long steel pig tail screw through to SikaSeal® - 626 Fire Board
- Penetrations positioned as per option 1 or 2 below, 0mm distance between services and 50mm to edge of seal
- First service support 400mm from both sides of the substrate



Service(s)	SikaSeal® - 627 Fire Collar Ref	Classification
PVC Pipe 32mm Ø, 1.8mm wall thickness	32mm	EI 120 U/C
PVC Pipe 40mm Ø, 1.8mm wall thickness	40mm	
PVC Pipe 50mm Ø, 1.8mm wall thickness	50mm	
PVC Pipe 55mm Ø, 1.8-2.3mm wall thickness	55mm	
PVC Pipe 63mm Ø, 2.3-3mm wall thickness	63mm	
PVC Pipe 75mm Ø, 3.1-4.8mm wall thickness e	75mm	
PVC Pipe 82mm Ø, 3.1-4.8mm wall thickness	82mm	
PVC Pipe 90mm Ø, 4.2-7.4mm wall thickness	90mm	
PVC Pipe 100mm Ø, 4.2-7.4mm wall thickness	100mm	
PVC Pipe 110mm Ø, 4.2-7.4mm wall thickness	110mm	
PVC Pipe 125mm Ø, 6mm wall thickness	125mm	
PVC Pipe 140mm Ø, 6.1-7.5mm wall thickness	140mm	
PVC Pipe 160mm Ø, 6.2-9.5mm wall thickness	160mm	

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Service(s)	SikaSeal® - 627 Fire Collar Ref	Classification
PP Pipe 32mm Ø, 2.9mm wall thickness	32mm	EI 120 U/C
PP Pipe 40mm Ø, 2.9mm wall thickness	40mm	
PP Pipe 50mm Ø, 2.9mm wall thickness	50mm	
PP Pipe 55mm Ø, 2.9-4.4mm wall thickness	55mm	
PP Pipe 63mm Ø, 2.9-4.4mm wall thickness	63mm	
PP Pipe 75mm Ø, 2.8-6.7mm wall thickness	75mm	
PP Pipe 82mm Ø, 2.8-6.7mm wall thickness	82mm	
PP Pipe 90mm Ø, 2.7-10mm wall thickness	90mm	
PP Pipe 100mm Ø, 2.7-10mm wall thickness	100mm	
PP Pipe 110mm Ø, 2.7-10mm wall thickness	110mm	
PP Pipe 125mm Ø, 3.1mm wall thickness	125mm	
PP Pipe 140mm Ø, 3.5-8mm wall thickness	140mm	

Service(s)	SikaSeal® - 627 Fire Collar Ref	Classification
PE Pipe 32mm Ø, 2.9mm wall thickness	32mm	EI 120 U/C
PE Pipe 40mm Ø, 2.9mm wall thickness	40mm	
PE Pipe 50mm Ø, 2.9mm wall thickness	50mm	
PE Pipe 55mm Ø, 2.9-4.4mm wall thickness	55mm	
PE Pipe 63mm Ø, 2.9-4.4mm wall thickness	63mm	
PE Pipe 75mm Ø, 2.8-6.7mm wall thickness	75mm	
PE Pipe 82mm Ø, 2.8-6.7mm wall thickness	82mm	
PE Pipe 90mm Ø, 2.7-10mm wall thickness	90mm	
PE Pipe 100mm Ø, 2.7-10mm wall thickness	100mm	
PE Pipe 110mm Ø, 2.7-10mm wall thickness	110mm	
PE Pipe 125mm Ø, 3.1mm wall thickness	125mm	
PE Pipe 140mm Ø, 3.9-5.8mm wall thickness	140mm	
PE Pipe 160mm Ø, 4.9-9.5mm wall thickness	160mm	

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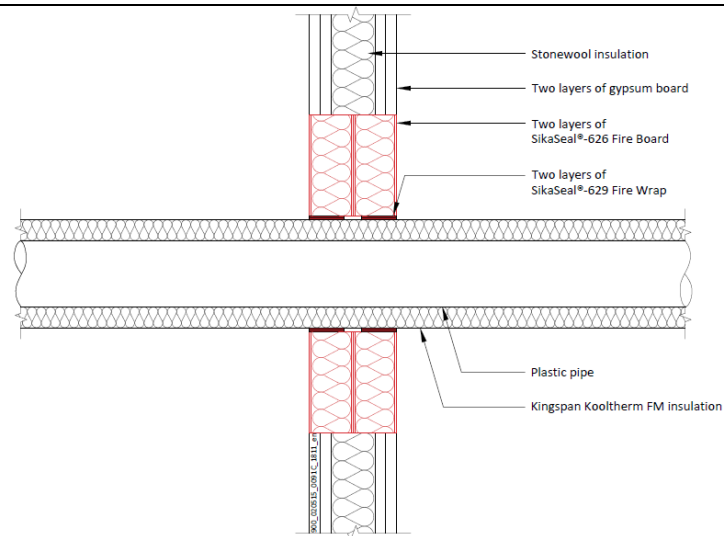
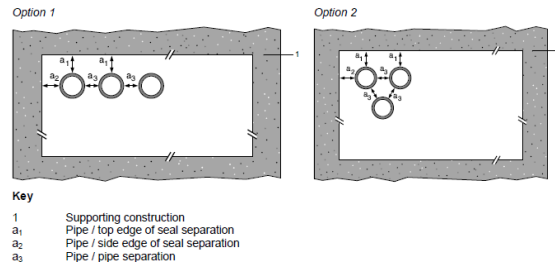
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A2.1.4 Insulated Plastic Pipe Penetrations

Construction details:

- Double layer of SikaSeal® - 626 Fire Board (50mm) installed internally within wall
- Max. Aperture size 730mm wide x 1200mm high
- SikaSeal® - 629 Fire Wrap secured internally within both faces of the SikaSeal® - 626 Fire Board
- Penetrations positioned as per option 1 or 2 below, 0mm distance between services and 50mm to edge of seal
- First service support 400mm from both sides of the substrate



Service(s)	SikaSeal® - 629 Fire Wrap Ref	Classification
PVC Pipe 40mm Ø, 1.9mm wall thickness. 25 mm thick Kingspan Kooltherm FM insulation (C/S)	3 x 2mm thickness	E 120 U/C EI 90 U/C
PVC Pipe 40mm Ø, 3mm wall thickness. 15 mm thick Kingspan Kooltherm FM insulation (C/S)	3 x 2mm thickness	
PVC Pipe 110mm Ø, 4.2mm wall thickness. 25 mm thick Kingspan Kooltherm FM insulation (C/S)	5 x 2mm thickness	EI 120 U/C
PVC Pipe 110mm Ø, 6.6mm wall thickness. 20 mm thick Kingspan Kooltherm FM insulation (C/S)	5 x 2mm thickness	E 120 U/C EI 90 U/C
PVC Pipe 40mm Ø, 1.9mm wall thickness. 32 mm thick Armacell Armaflex Class O (C/S)	3 x 2mm thickness	E 120 U/C EI 90 U/C
PVC Pipe 40mm Ø, 3mm wall thickness. 9 mm thick Armacell Armaflex Class O (C/S)	3 x 2mm thickness	
PVC Pipe 110mm Ø, 4.2mm wall thickness. 32 mm thick Armacell Armaflex Class O (C/S)	5 x 2mm thickness	EI 120 U/C
PVC Pipe 110mm Ø, 6.6mm wall thickness. 13 mm thick Armacell Armaflex Class O (C/S)	5 x 2mm thickness	E 120 U/C EI 90 U/C

Prestatieverklaring

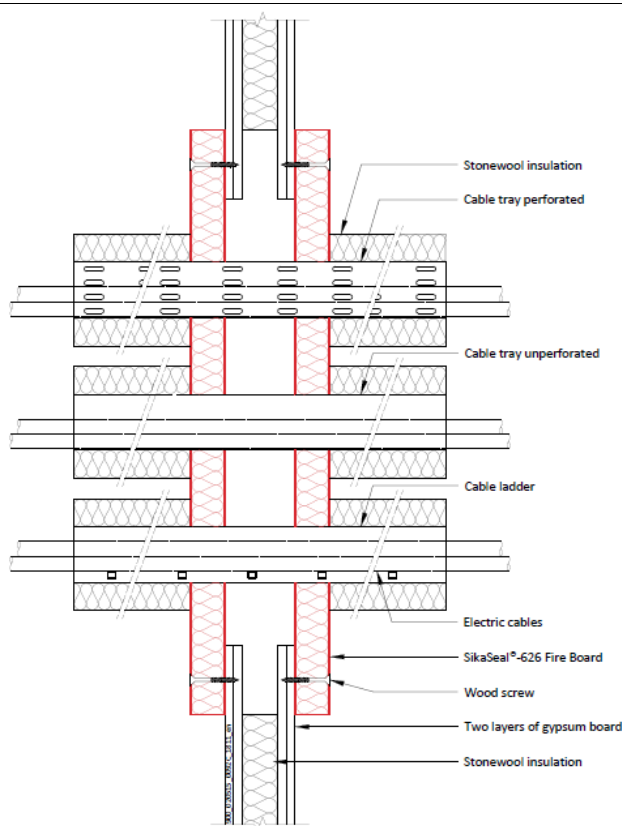
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A2.2 Single Layer (50mm) SikaSeal® - 626 Fire Board Patress Installed Both Faces Penetration Seal

A2.2.1 Cable Penetrations

Construction details:

- Single layer of SikaSeal® - 626 Fire Board (50mm) installed both faces of the wall.
 - Patress installation of SikaSeal® - 626 Fire Board. The Boards are installed in horizontal rows and fixed in minimum two vertical edges. Overlap of Boards to substrate min 100mm. Boards mechanically fixed to substrate with min 6mm x 80mm steel screws and steel retaining washer. Fixings installed at max 300mm centres
- Max. Aperture size 750mm wide x 1200mm high
- Cables and cabletrays wrapped with a single layer of 40mm thick, 40kg/m3 Stonewool (L/I 300mm)
- First service support 400mm from both sides of substrate



Service(s)	Classification
Electrical cables up to 80mm Ø	EI120
Cable trays and ladders	
100 mm diameter bundle telecommunication cable type "F"	
Unsheathed Electrical cables up to 24mm Ø	
Steel or copper conduits up to 16mm Ø	
Plastic conduits up to 16mm Ø	

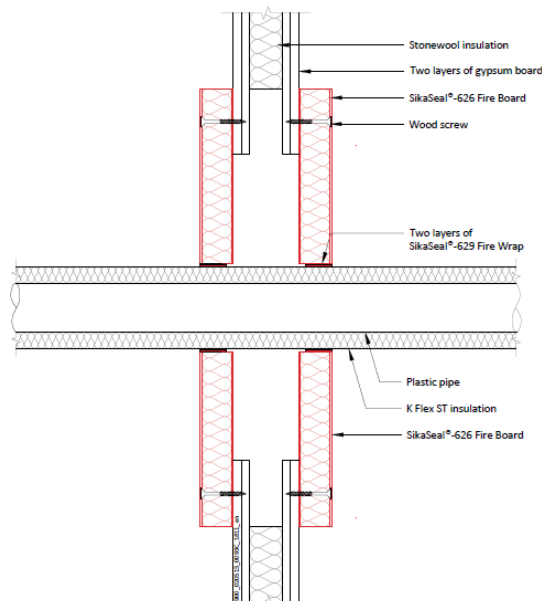
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A2.2.2 Metallic Pipe Penetrations

Construction details:

- Single layer of SikaSeal® - 626 Fire Board (50mm) installed both faces of the wall.
 - Patress installation of SikaSeal® - 626 Fire Board. The Boards are installed in horizontal rows and fixed in minimum two vertical edges. Overlap of Boards to substrate min 100mm. Boards mechanically fixed to substrate with min 6mm x 80mm steel screws and steel retaining washer. Fixings installed at max 300mm centres
- Max. Aperture size 750mm wide x 1200mm high
- Continuous / Sustained CS insulated metallic pipes
- 2 x 2mm thick layers of SikaSeal® - 629 Fire Wrap installed both sides of the SikaSeal® - 626 Fire Board
- First service support 400mm from both sides of substrate



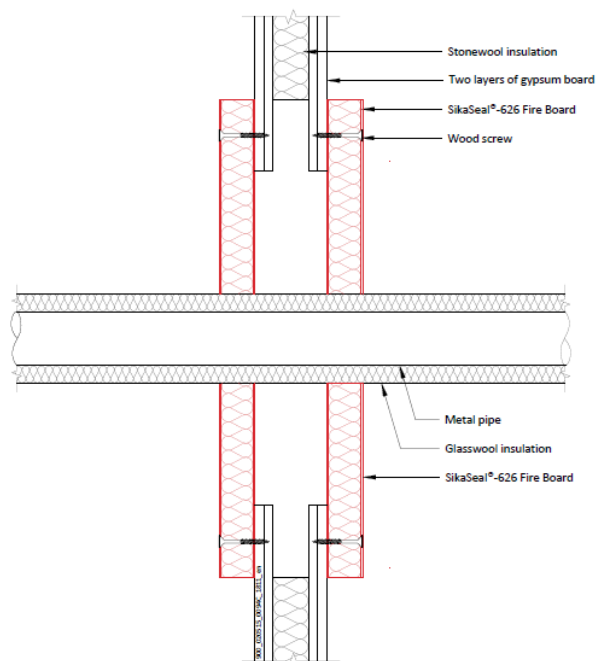
Service(s)	Classification
² Steel or Copper pipe 42-159mm Ø, 1.2mm – 14.2mm wall thickness. 13-25mm thick K Flex ST Insulation (C/S)	E 120 C/U EI 60 C/U
² Steel or Copper pipe 42-159mm Ø, 1.2 – 14.2mm wall thickness. 25mm thick K Flex ST insulation (C/S)	E 120 C/U EI 90 C/U
² Steel or Copper pipe 42mm Ø, 1 – 14.2mm wall thickness. 25-13mm thick K Flex ST insulation (C/S)	EI 120 C/U
² Steel or Copper pipe 42-108mm Ø, 1.2 – 14.2mm wall thickness. 25 -40mm thick Kingspan Kooltherm FM insulation (C/S)	E 120 C/U EI 90 C/U
² Steel or Copper pipe 42mm Ø, 1-14.2mm wall thickness. 25 -40mm thick Kingspan Kooltherm FM insulation (C/S)	EI 120 C/U
² Steel or Copper pipe 42mm Ø, 1.2–14.2mm wall thickness. 50mm thick glassfibre insulation min. 30kg/m ³ (C/S)	E 120 C/U EI 90 C/U

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Construction details:

- Single layer of SikaSeal® - 626 Fire Board (50mm) installed both faces of the wall.
 - Patress installation of SikaSeal® - 626 Fire Board. The Boards are installed in horizontal rows and fixed in minimum two vertical edges. Overlap of Boards to substrate min 100mm. Boards mechanically fixed to substrate with min 6mm x 80mm steel screws and steel retaining washer. Fixings installed at max 300mm centres
- Max. Aperture size 600mm wide x 600mm high
- Continuous / Sustained CS insulated metallic pipes
- First service support 400mm from both sides of substrate



Service(s)	Classification
Steel or Copper pipe 42-159mm Ø, 1.2mm – 14.2mm wall thickness. 25mm thick foil faced glassfibre insulation min. 30kg/m ³ (C/S)	E 120 C/U EI 90 C/U
Steel or Copper pipe 42mm Ø, 1mm – 14.2mm wall thickness. 25mm thick foil faced glassfibre insulation min. 30kg/m ³ (C/S)	EI 120 C/U

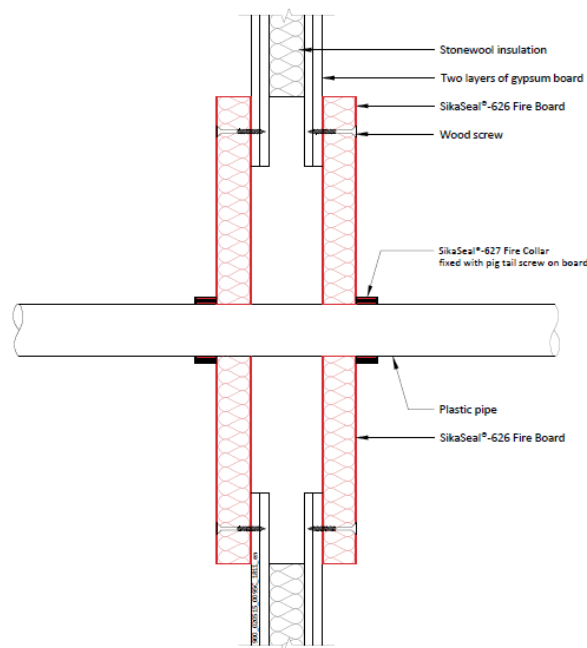
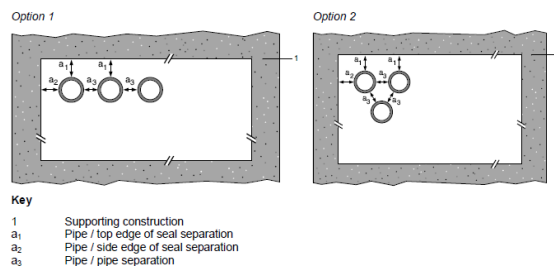
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A2.2.3 Plastic Pipe Penetrations

Construction details:

- Single layer of SikaSeal® - 626 Fire Board (50mm) installed both faces of the wall.
 - Patress installation of SikaSeal® - 626 Fire Board. The Boards are installed in horizontal rows and fixed in minimum two vertical edges. Overlap of Boards to substrate min 100mm. Boards mechanically fixed to substrate with min 6mm x 80mm steel screws and steel retaining washer. Fixings installed at max 300mm centres
- Max. Aperture size 730mm wide x 1200mm high
- SikaSeal® - 627 Fire Collar secured both faces of the substrate utilising 80mm long steel pig tail screw through to SikaSeal® - 626 Fire Board
- Penetrations positioned as per option 1 or 2 below, 0mm distance between services and 50mm to edge of seal
- First service support 400mm from both sides of substrate



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Service(s)	SikaSeal® - 627 Fire Collar Ref	Classification
PVC Pipe 32mm Ø, 1.8mm wall thickness	32mm	EI 120 U/C
PVC Pipe 40mm Ø, 1.8mm wall thickness	40mm	
PVC Pipe 50mm Ø, 1.8mm wall thickness	50mm	
PVC Pipe 55mm Ø, 1.8-2.3mm wall thickness	55mm	
PVC Pipe 63mm Ø, 2.3-3mm wall thickness	63mm	
PVC Pipe 75mm Ø, 3.1-4.8mm wall thickness	75mm	
PVC Pipe 82mm Ø, 3.1-4.8mm wall thickness	82mm	
PVC Pipe 90mm Ø, 4.2-7.4mm wall thickness	90mm	
PVC Pipe 100mm Ø, 4.2-7.4mm wall thickness	100mm	
PVC Pipe 110mm Ø, 4.2-7.4mm wall thickness	110mm	
PVC Pipe 125mm Ø, 6mm wall thickness	125mm	
PVC Pipe 140mm Ø, 6.1-7.5mm wall thickness	140mm	
PVC Pipe 160mm Ø, 6.2-9.5mm wall thickness	160mm	

Service(s)	SikaSeal® - 627 Fire Collar Ref	Classification
PP Pipe 32mm Ø, 2.9mm wall thickness	32mm	EI 120 U/C
PP Pipe 40mm Ø, 2.9mm wall thickness	40mm	
PP Pipe 50mm Ø, 2.9mm wall thickness	50mm	
PP Pipe 55mm Ø, 2.9-4.4mm wall thickness	55mm	
PP Pipe 63mm Ø, 2.9-4.4mm wall thickness	63mm	
PP Pipe 75mm Ø, 2.8-6.7mm wall thickness	75mm	
PP Pipe 82mm Ø, 2.8-6.7mm wall thickness	82mm	
PP Pipe 90mm Ø, 2.7-10mm wall thickness	90mm	
PP Pipe 100mm Ø, 2.7-10mm wall thickness	100mm	
PP Pipe 110mm Ø, 2.7-10mm wall thickness	110mm	
PP Pipe 125mm Ø, 3.1mm wall thickness	125mm	
PP Pipe 140mm Ø, 3.5-8mm wall thickness	140mm	
PP Pipe 160mm Ø, 4-14.6mm wall thickness	160mm	

Service(s)	SikaSeal® - 627 Fire Collar Ref	Classification
PE Pipe 32mm Ø, 2.9mm wall thickness	32mm	EI 120 U/C
PE Pipe 40mm Ø, 2.9mm wall thickness	40mm	
PE Pipe 50mm Ø, 2.9mm wall thickness	50mm	
PE Pipe 55mm Ø, 2.9-4.4mm wall thickness	55mm	
PE Pipe 63mm Ø, 2.9-4.4mm wall thickness	63mm	
PE Pipe 75mm Ø, 2.8-6.7mm wall thickness	75mm	
PE Pipe 82mm Ø, 2.8-6.7mm wall thickness	82mm	
PE Pipe 90mm Ø, 2.7-10mm wall thickness	90mm	
PE Pipe 100mm Ø, 2.7-10mm wall thickness	100mm	
PE Pipe 110mm Ø, 2.7-10mm wall thickness	110mm	
PE Pipe 125mm Ø, 3.1mm wall thickness	125mm	
PE Pipe 140mm Ø, 3.9-5.8mm wall thickness	140mm	
PE Pipe 160mm Ø, 4.9-9.5mm wall thickness	160mm	

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SikaSeal®-626 Fire Board

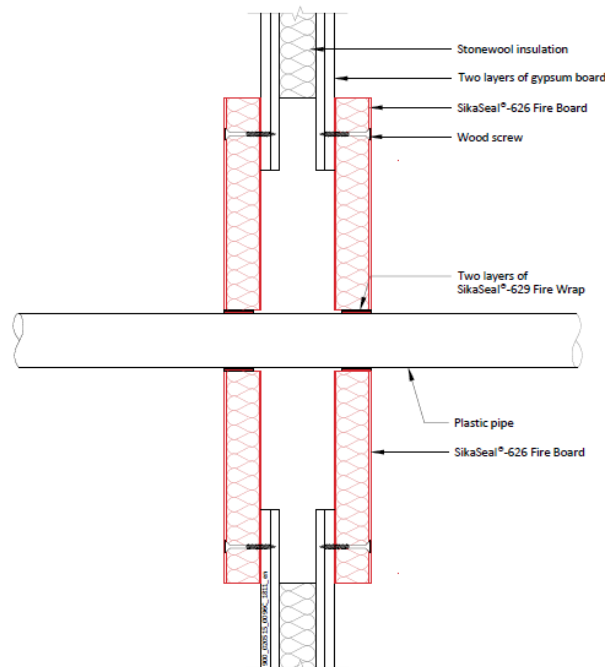
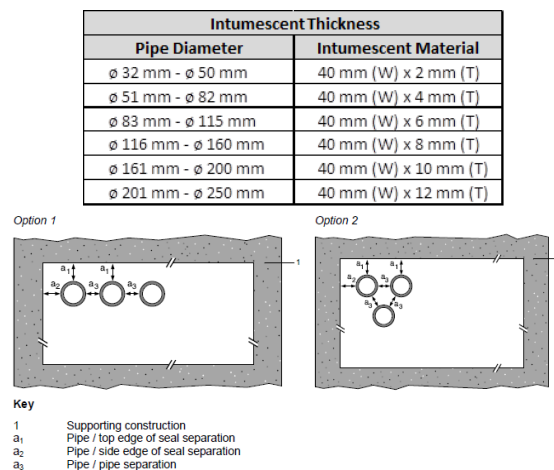
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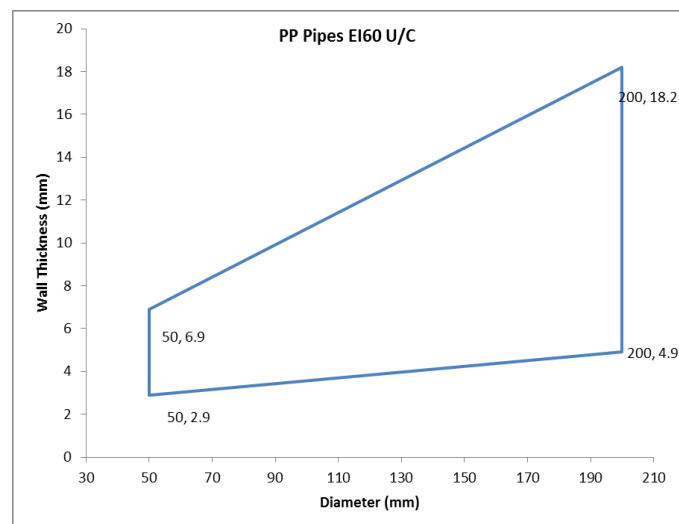
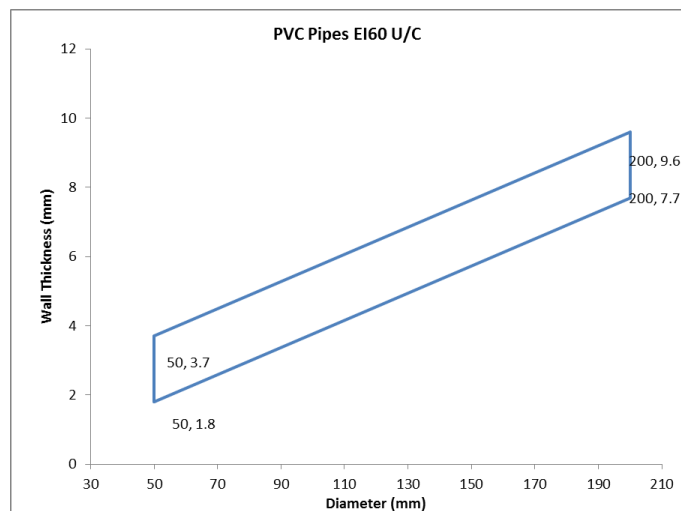
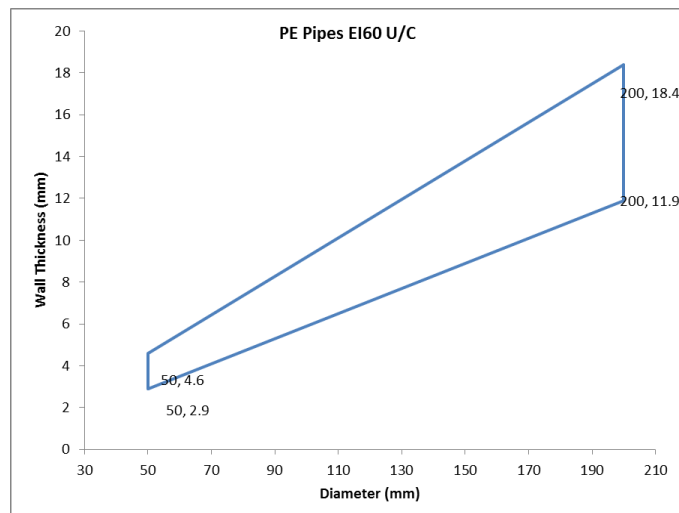
Construction details:

- Single layer of SikaSeal® - 626 Fire Board (50mm) installed both faces of the wall.
 - Patress installation of SikaSeal® - 626 Fire Board. The Boards are installed in horizontal rows and fixed in minimum two vertical edges. Overlap of Boards to substrate min 100mm. Boards mechanically fixed to substrate with min 6mm x 80mm steel screws and steel retaining washer. Fixings installed at max 300mm centres
- Max. Aperture size 730mm wide x 1200mm high
- SikaSeal® - 628 Fire Wrap secured internally within both faces of the SikaSeal® - 626 Fire Board
- Penetrations positioned as per option 1 or 2 below, 0mm distance between services and 50mm to edge of seal
- First service support 400mm from both sides of substrate



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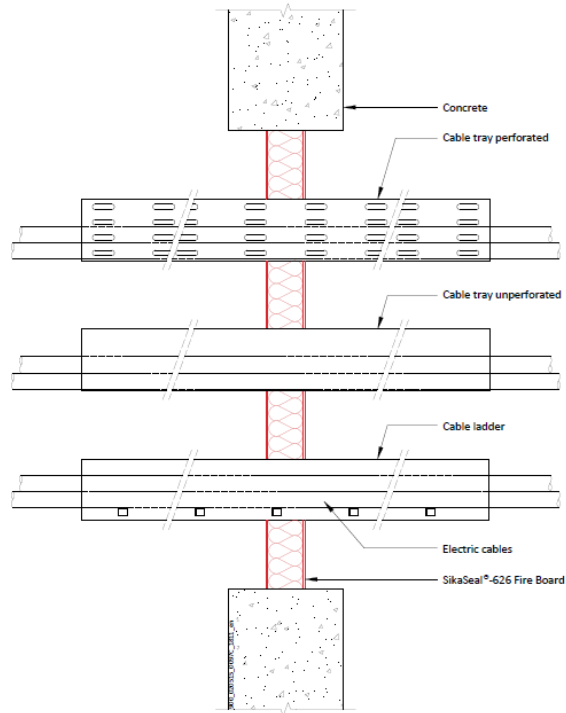
A3 SikaSeal® - 626 Fire Board Penetration Seal in Rigid Walls min. 150 mm thick

A3.1 Single Layer (50mm) SikaSeal® - 626 Fire Board Penetration Seal

A3.1.1 Cable Penetrations

Construction details:

- Single layer of SikaSeal® - 626 Fire Board (50mm) installed internally within wall
- Max. Aperture size 600mm wide x 600mm high
- Cables and cable trays wrapped with a single layer of 6mm thick Thermal Defense Wrap (L/I 300mm)
- First service support 250mm from both sides of substrate



Service(s)	Classification
Electrical cables up to 80mm Ø	I
Cable trays and cable ladders	EI 60
100 mm diameter bundle telecommunication cable type "F"	EI 60
Unsheathed Electrical cables up to 24mm Ø	EI 60

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SikaSeal®-626 Fire Board

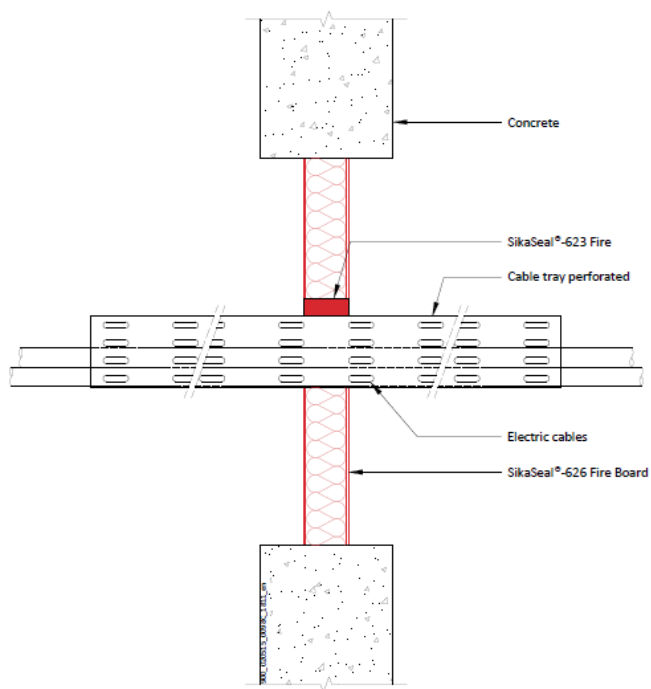
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Construction details:

- Single layer of SikaSeal® - 626 Fire Board (50mm) installed internally within wall
- Max. Aperture size 750mm wide x 1100mm high
- All cables coated with 2mm DFT PST Coating 300mm along the cables both sides of the seal
- 50mm deep x 20mm wide annulus SikaSeal® - 623 Fire Sealant
- First service support 400mm from both sides of substrate



Service(s)	Classification
500mm perforated cable tray	EI30
Electrical cables up to 21mm ø	EI45
1 off 'C1' Cable	
1 off 'C2' Cable	
1 off 'C3' Cable	

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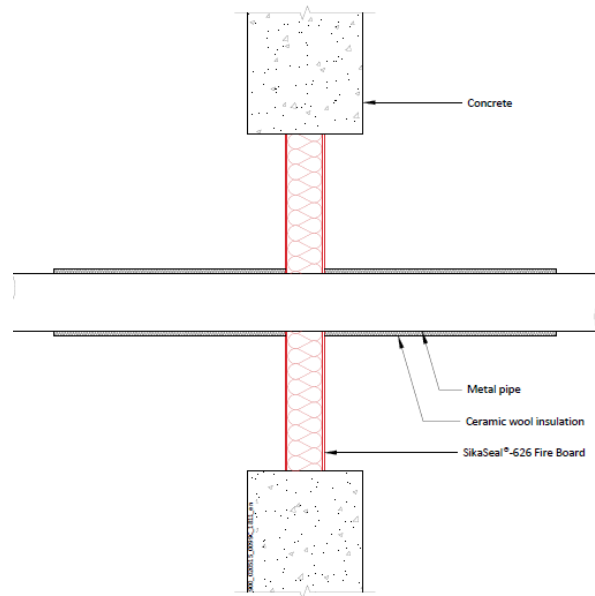
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A3.1.2 Metallic Pipe Penetrations

Construction details:

- Single layer of SikaSeal® - 626 Fire Board (50mm) installed internally within wall
- Max. Aperture size 600mm wide x 600mm high
- Metallic pipes wrapped with a single layer of 6mm thick Thermal Defense Wrap (L/I 300mm)
- First service support 250mm from both sides of substrate



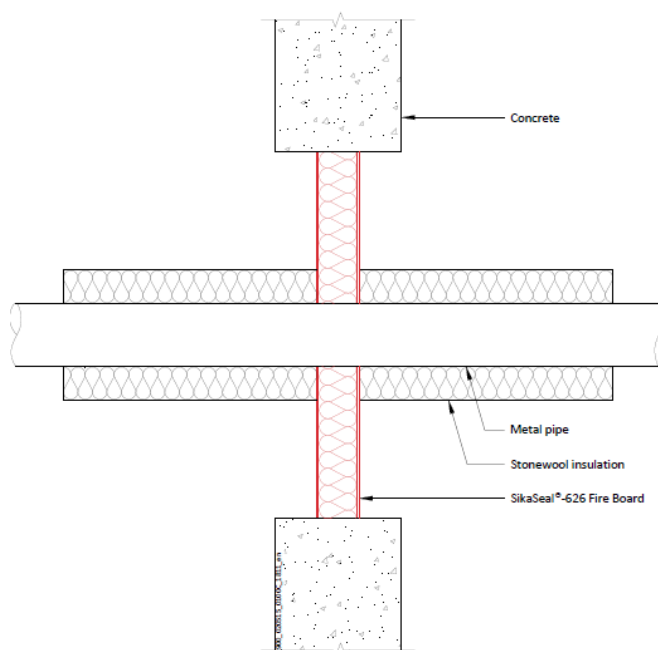
Service(s)	Classification
Steel or Copper pipe 108mm Ø, 1.5mm – 14.2mm Wall thickness. (C/S) 40mm stone wool insulation (min 140Kg/m ³)	E60 C/U EI45 C/U

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Construction details:

- Single layer of SikaSeal®-626 Fire Board (50mm) installed internally within wall
- Max. Aperture size 730mm wide x 1100mm high
- First service support 400mm from both sides of substrate



Service(s)	Classification
Steel or Copper pipe 42mm $\varnothing$, 1.2mm – 14.2mm wall thickness. (L/I 300mm) 40mm stone wool insulation (min 40Kg/m ³)	EI45 C/U
Steel or Copper pipe 42mm – 159mm $\varnothing$, 2mm – 14.2mm wall thickness. (L/I 300mm) 40mm stone wool insulation (min 40Kg/m ³)	E45 C/U EI15 C/U

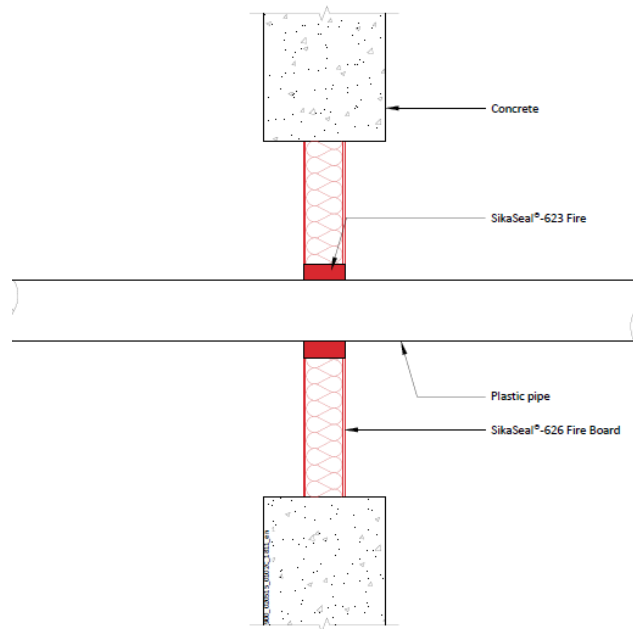
Prestatieverklaring

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A3.1.3 Plastic Pipe Penetrations

Construction details:

- Single layer of SikaSeal® - 626 Fire Board (50mm) installed internally within wall
- Max. Aperture size 750mm wide x 1100mm high
- SikaSeal® - 623 Fire 20mm annulus full 50mm depth of the SikaSeal® - 626 Fire Board
- First service support 400mm from both sides of substrate



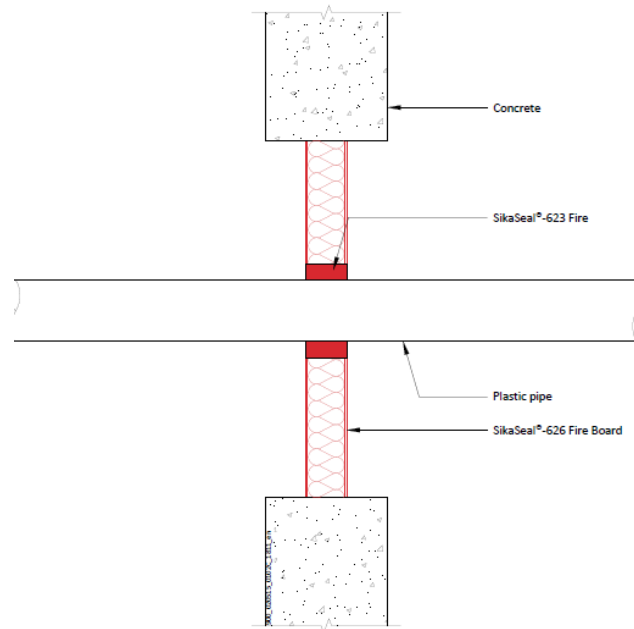
Penetration Specification	Classification
Uponor MLC (Multi-Layer Composite) Pipe 40mm ø 4mm wall thickness	E45 U/C EI30 U/C
Uponor MLC (Multi-Layer Composite) Pipe 50mm ø 4.5mm wall thickness	
Uponor MLC (Multi-Layer Composite) Pipe 63mm ø 6mm wall thickness	
Uponor MLC (Multi-Layer Composite) Pipe 75mm ø 7.5mm wall thickness	
Uponor MLC (Multi-Layer Composite) Pipe 90mm ø 8.5mm wall thickness	
Uponor MLC (Multi-Layer Composite) Pipe 110mm ø 10mm wall thickness	

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Construction details:

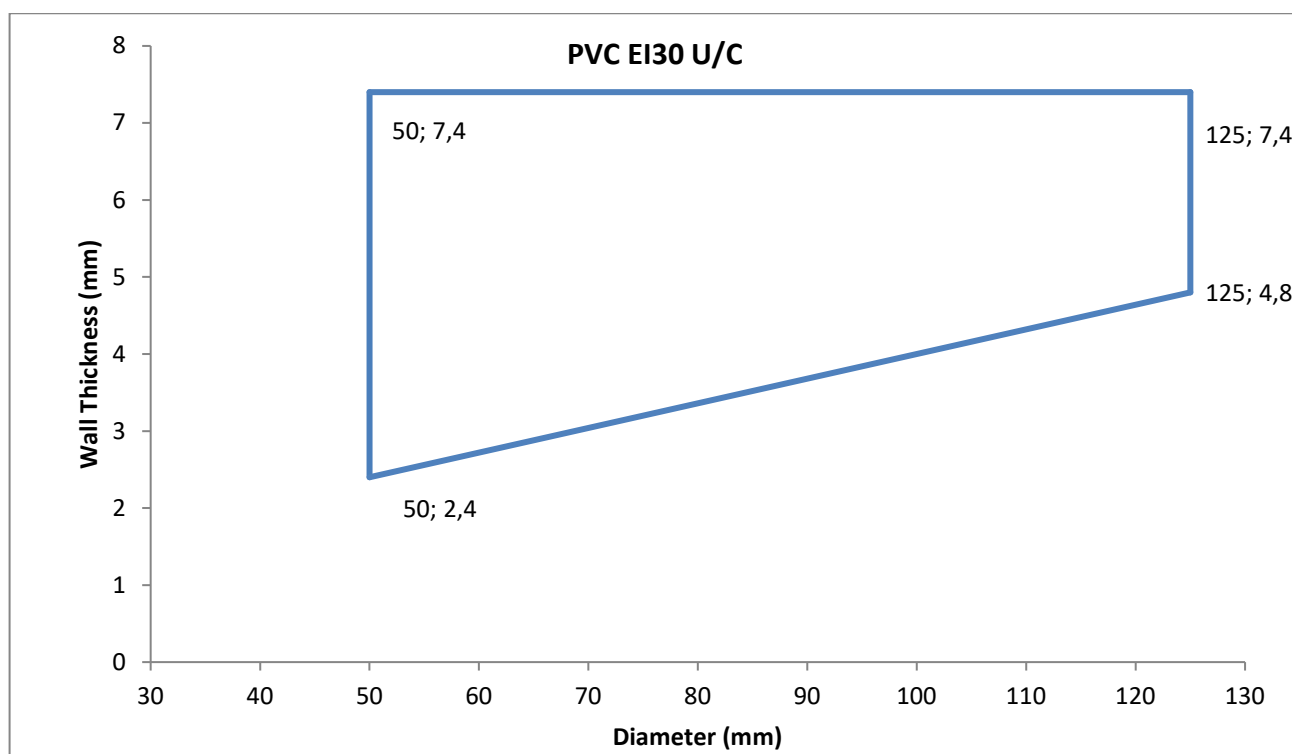
- Single layer of SikaSeal® - 626 Fire Board (50mm) installed internally within wall
- Max. Aperture size 750mm wide x 1100mm high
- SikaSeal® - 623 Fire 20mm annulus full 50mm depth of the SikaSeal® - 626 Fire Board
- First service support 400mm from both sides of substrate



Penetration Specification	Classification
PVC Pipe 50mm ø 2.4-7.4mm wall thickness	EI45 U/C
Also scope as per graphs below	

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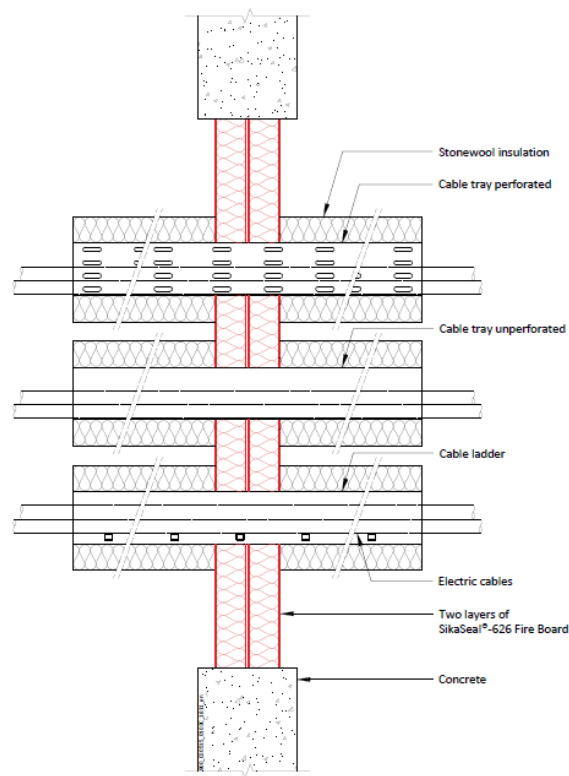


A3.2 Double layer (50mm) SikaSeal® - 626 Fire Board Penetration Seal

A3.2.1 Cable Penetrations

Construction details:

- Double layer of SikaSeal® - 626 Fire Board (50mm) installed internally within wall
- Max. Aperture size 700mm wide x 1100mm high
- Cables and cable trays wrapped with Stone Wool Insulation 45mm thick, 40Kg/m3 (L/I 200mm)
- First service support 400mm from both sides of substrate



Service(s)	Classification
Electrical cables up to 21mm dia	EI 120
Electrical cables 22mm – 80mm dia	E120, EI90
Cable trays and ladders	EI 120
100 mm diameter bundle telecommunication cable type “F”	EI 120
Unsheathed Electrical cables up to 24mm dia	EI 120

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SikaSeal®-626 Fire Board

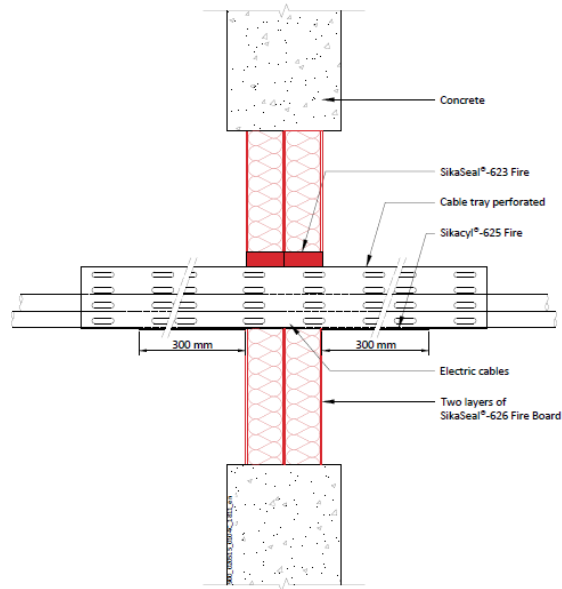
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Construction details:

- Double layer of SikaSeal® - 626 Fire Board (50mm) installed internally within wall
- Max. Aperture size 750mm wide x 1200mm high
- Cables and cable trays wrapped with Stone Wool Insulation 45mm thick, 40Kg/m3 (L/I 200mm)
- SikaSeal® - 623 Fire 20mm annulus full 50mm depth of the SikaSeal® - 626 Fire Board
- First service support 400mm from both sides of substrate



Penetration Specification	Classification
500mm perforated cable tray	E1120
Electrical cables up to 21mm $\varnothing$	
1 off 'C1' Cable	
1 off 'C2' Cable	E120 EI90
1 off 'C3' Cable	E1120

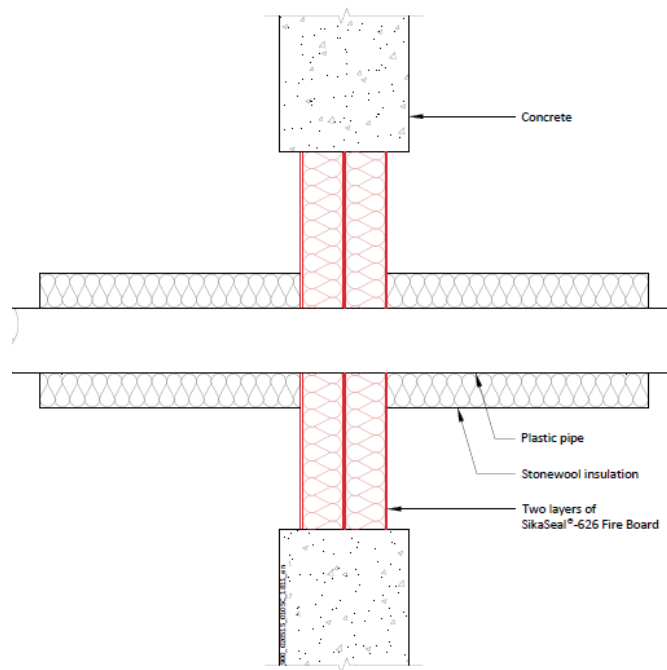
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A3.2.2 Metallic Pipe Penetrations

Construction details:

- Double layer of SikaSeal® - 626 Fire Board (50mm) installed internally within wall
- Max. Aperture size 700mm wide x 1100mm high
- Cables and cable trays wrapped with 40mm stone wool insulation (min 40Kg/m³) (L/I 300mm)
- First service support 400mm from both sides of substrate



Service(s)	Classification
Steel or Copper Pipe 42mm Ø, 1.2mm – 14.2mm wall thickness. (L/I 300mm) 40mm stone wool insulation (min 40Kg/m ³)	E120 C/U EI60 C/U
Steel or Copper Pipe 42mm – 159mm Ø, 2mm – 14.2mm wall thickness. (L/I 300mm) 40mm stone wool insulation (min 40Kg/m ³)	E120 C/U EI30 C/U

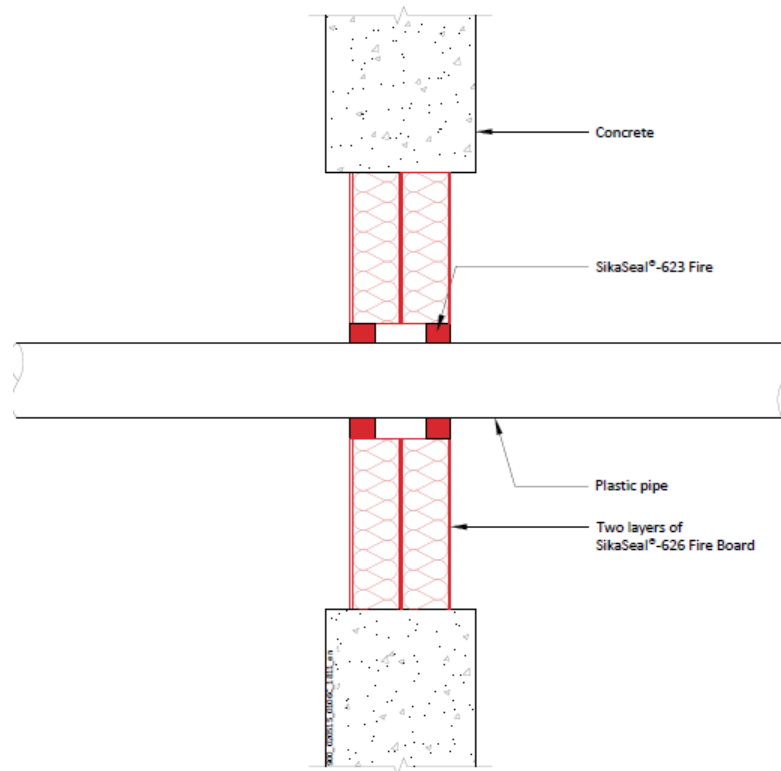
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A3.2.3 Plastic Pipe Penetrations

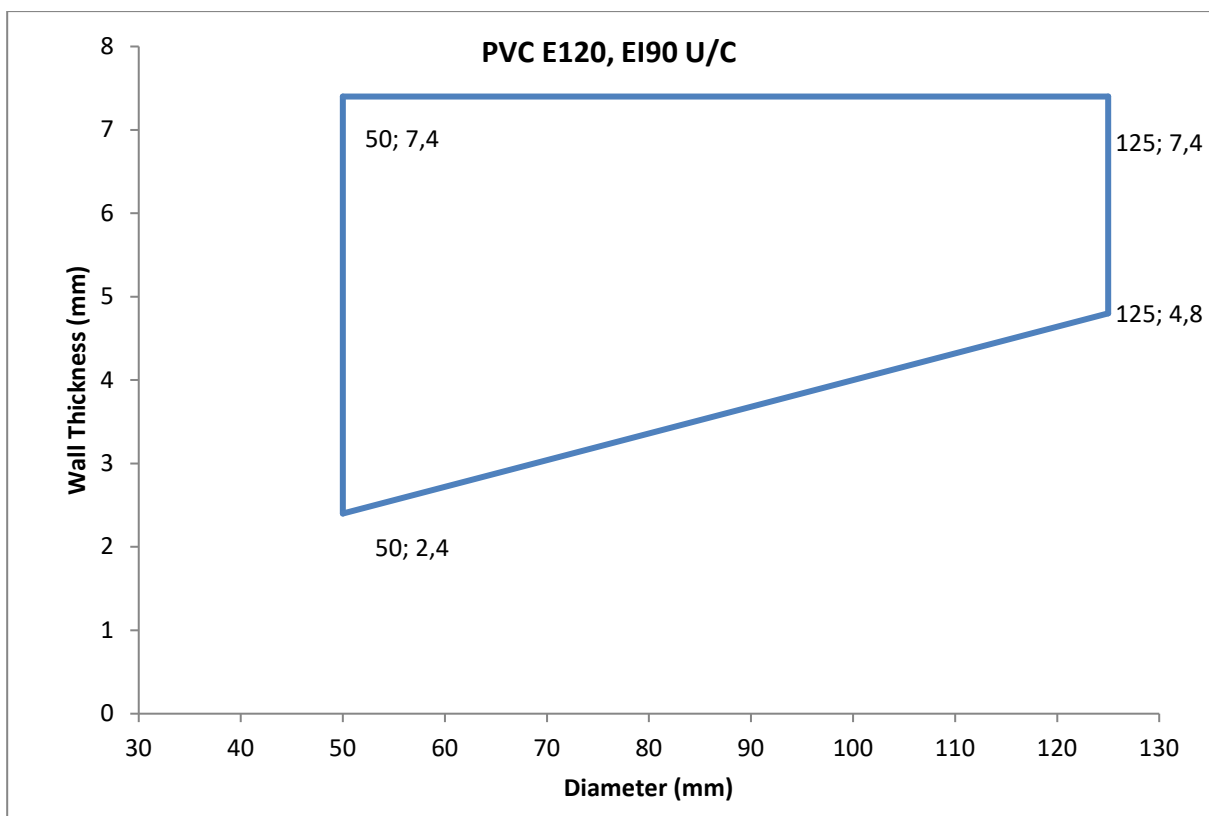
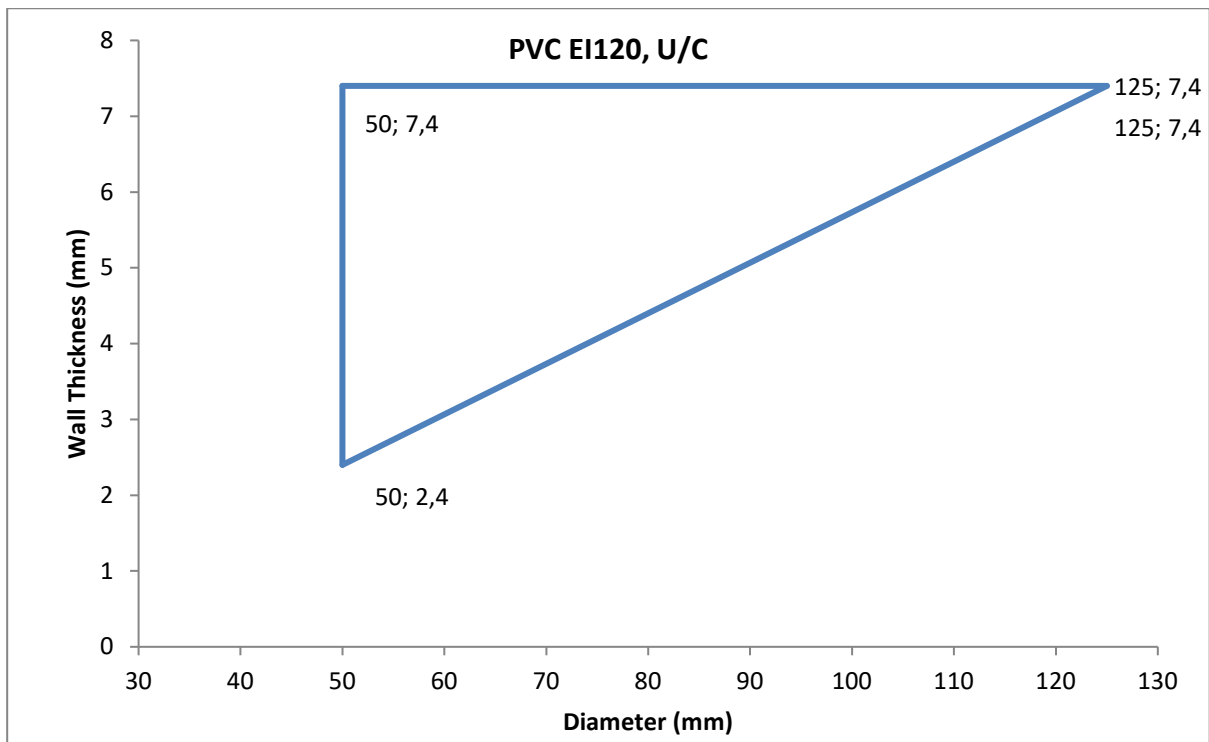
Construction details:

- Double layer of SikaSeal® - 626 Fire Board (50mm) installed internally within wall
- Max. Aperture size 750mm wide x 1100mm high
- SikaSeal® - 623 Fire 20mm annulus, 25mm deep both faces of the SikaSeal® - 626 Fire Board
- First service support 400mm from both sides of substrate



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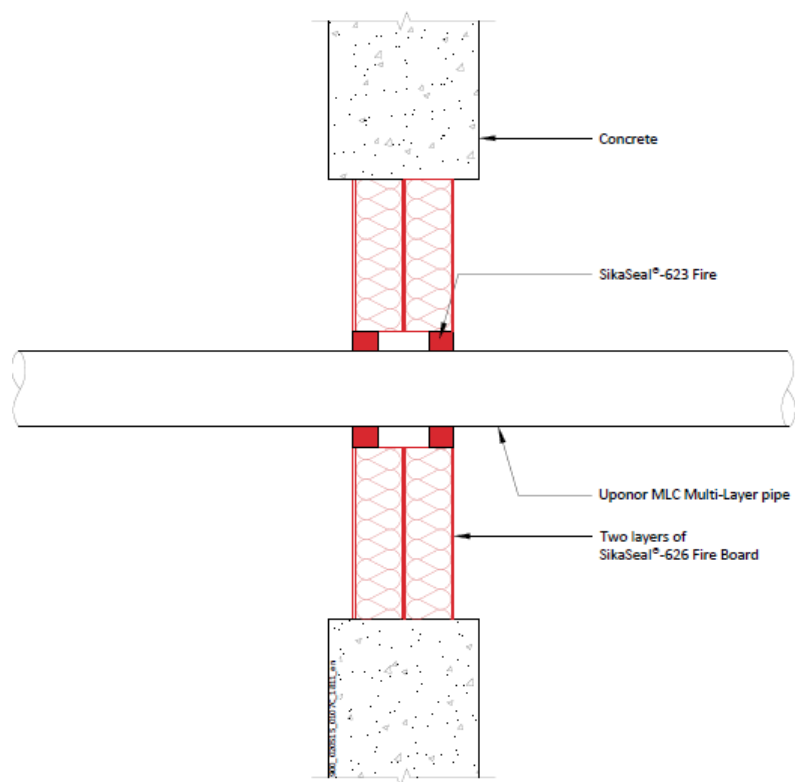


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Construction details:

- Double layer of SikaSeal® - 626 Fire Board (50mm) installed internally within wall
- Max. Aperture size 750mm wide x 1100mm high
- SikaSeal® - 623 Fire 20mm annulus, 25mm deep both faces of the SikaSeal® - 626 Fire Board
- First service support 400mm from both sides of substrate



Penetration Specification	Classification
Uponor MLC (Multi-Layer Composite) Pipe 40mm ø 4mm wall thickness	EI120 U/C
Uponor MLC (Multi-Layer Composite) Pipe 50mm ø 4.5mm wall thickness	
Uponor MLC (Multi-Layer Composite) Pipe 63mm ø 6mm wall thickness	
Uponor MLC (Multi-Layer Composite) Pipe 75mm ø 7.5mm wall thickness	
Uponor (Multi-Layer Composite) Pipe 90mm ø 8.5mm wall thickness	
Uponor MLC (Multi-Layer Composite) Pipe 110mm ø 10mm wall thickness	

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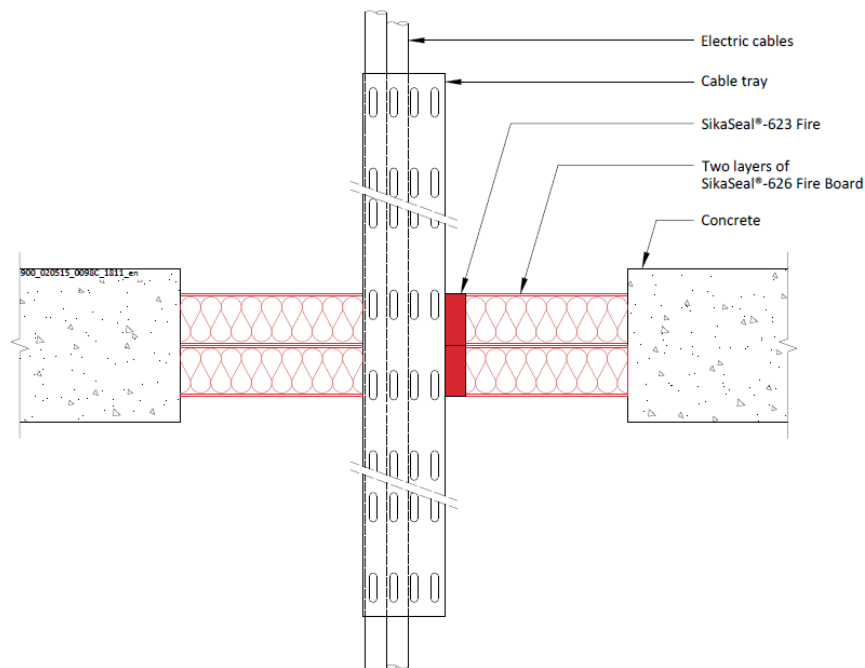
A3 SikaSeal® - 626 Fire Board Penetration Seal in Rigid Floors min. 150 mm thick

A3.1 Double layer (50mm) SikaSeal® - 626 Fire Board Penetration Seal

A3.1.1 Cable Penetrations

Construction details:

- Double layer of SikaSeal® - 626 Fire Board (50mm) installed internally within floor
- Max. Aperture size 700mm wide x 1100mm high
- All cables coated with 2mm DFT PST Coating 300mm along the cables upper side of the seal
- SikaSeal® - 623 Fire 20mm annulus full 25mm depth both sides of the floor
- First service support 400mm from both sides of substrate



Penetration Specification	Classification
500mm perforated cable tray	EI60
Electrical cables up to 21mm ø	
1 off 'C1' Cable	
1 off 'C2' Cable	
1 off 'C3' Cable	

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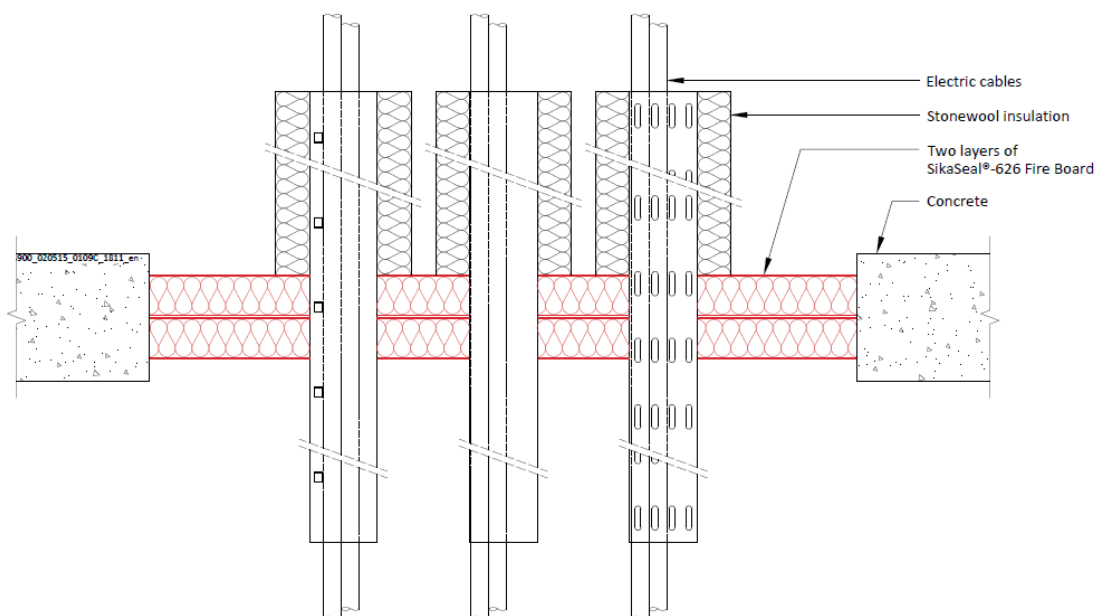
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Construction details:

- Double layer of SikaSeal® - 626 Fire Board (50mm) installed internally within floor
- Max. Aperture size 700mm wide x 1100mm high
- Cables and cable trays wrapped with a single layer of 40mm thick stonewool, min 40kg/m3 (L/I 300mm)
- First service support 400mm from both sides of substrate



Service(s)	Classification
Electrical cables up to 80mm dia	E160
Cable trays and ladders	
100 mm diameter bundle telecommunication cable type "F"	
Unsheathed Electrical Cables up to 17mm dia	
Unsheathed Electrical Cables 18-24mm dia	
Steel and Copper conduits up to 16mm	
Plastic conduits up to 16mm	

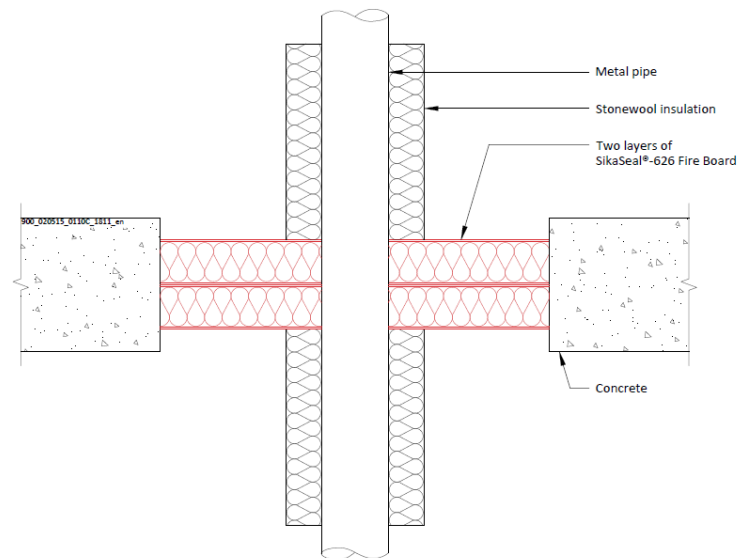
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A3.1.2 Metallic Pipe Penetrations

Construction details:

- Double layer of SikaSeal® - 626 Fire Board (50mm) installed internally within wall
- Max. Aperture size 700mm wide x 1100mm high
- Cables and cabletrays wrapped with 40mm stone wool insulation (min 40Kg/m³) (L/I 300mm)
- First service support 400mm from both sides of substrate



Service(s)	Classification
Steel or Copper conduit 42mm Ø, 1.2mm – 14.2mm wall thickness.	EI120 C/U
Steel or Copper conduit 42mm – 159mm Ø, 2mm – 14.2mm wall thickness.	E120 C/U EI30 C/U

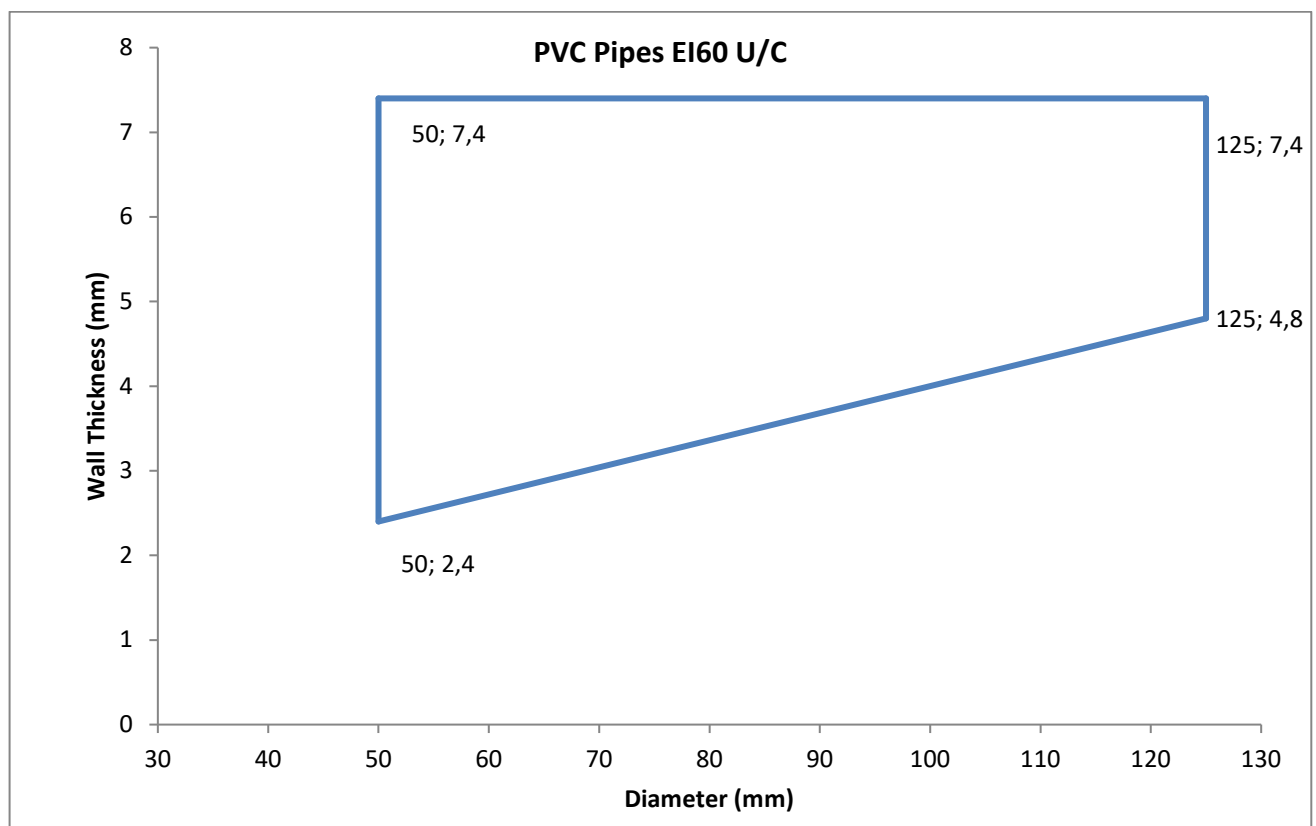
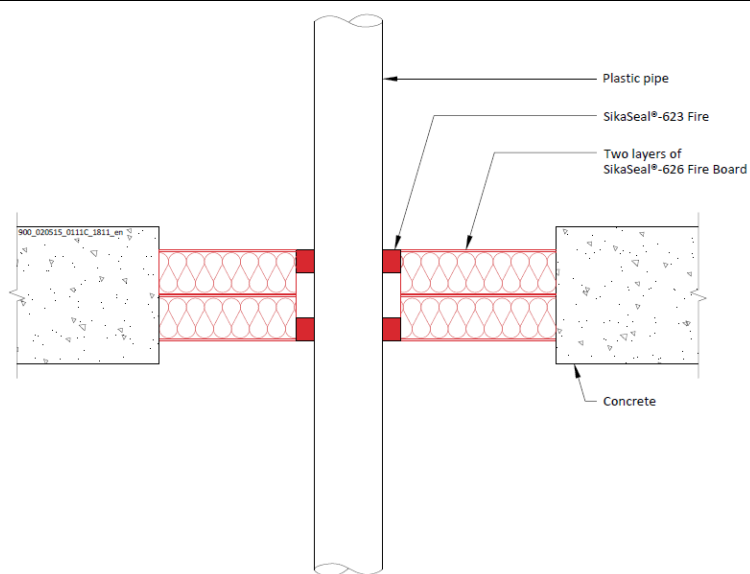
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A3.1.3 Plastic Pipe Penetration

Construction details:

- Double layer of SikaSeal® - 626 Fire Board (50mm) installed internally within the wall
- Max. Aperture size 750mm wide x 1100mm high
- SikaSeal® - 623 Fire 20mm annulus, 25mm deep both faces of the SikaSeal® - 626 Fire Board
- First service support 400mm from both sides of the substrate

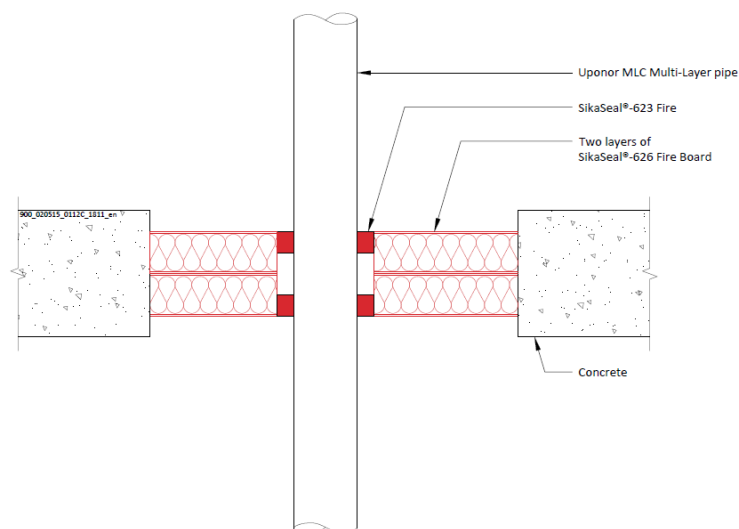


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Construction details:

- Double layer of SikaSeal® - 626 Fire Board (50mm) installed internally within floor.
- Max. Aperture size 750mm wide x 1100mm high
- SikaSeal® - 623 Fire 20mm annulus, 25mm deep both faces of the SikaSeal® - 626 Fire Board
- First service support 400mm from both sides of the substrate



Penetration Specification	Classification
Uponor MLC (Multi-Layer Composite) Pipe 40mm ø 4mm wall thickness	EI60 U/C
Uponor MLC (Multi-Layer Composite) Pipe 50mm ø 4.5mm wall thickness	
Uponor MLC (Multi-Layer Composite) Pipe 63mm ø 6mm wall thickness	
Uponor MLC (Multi-Layer Composite) Pipe 75mm ø 7.5mm wall thickness	
Uponor MLC (Multi-Layer Composite) Pipe 90mm ø 8.5mm wall thickness	
Uponor MLC (Multi-Layer Composite) Pipe 110mm ø 10mm wall thickness	

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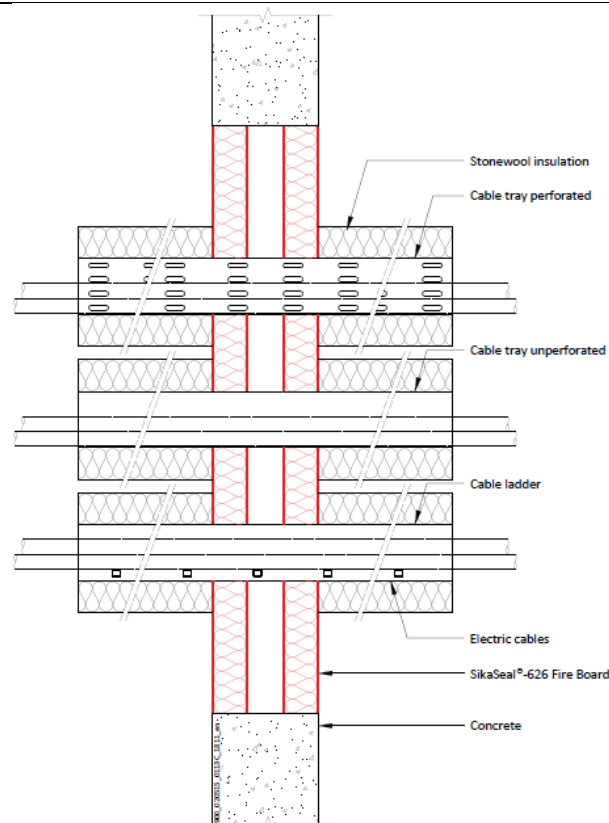
A3 SikaSeal® - 626 Fire Board Penetration Seal in Rigid Walls min. 150 mm thick

A3.1 Double layer (60mm) SikaSeal® - 626 Fire Board Penetration Seal

A3.1.1 Cable Penetrations

Construction details:

- Double layer of SikaSeal®-626 Fire Board (50mm) installed internally within wall
- Max. Aperture size 700mm wide x 1100mm high
- Cables and cable trays wrapped with Stone Wool Insulation 45mm thick, 40Kg/m3 (L/I 200mm)
- First service support 400mm from both sides of the substrate



Service(s)	Classification
Electrical cables up to 21mm dia	EI 120
Electrical cables 22mm – 80mm dia	E120 EI90
Cable trays and ladders	EI 120
100 mm diameter bundle telecommunication cable type “F”	EI 120
Unsheathed electrical cables up to 24mm dia	EI 120

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CE MARKERING OM OP HET LABEL TE PLAATSEN

 19
Sika Services AG, Zurich, Switzerland
47307086
EAD 350454-00-1104:2017
1121
Fire stopping and fire sealing products, penetration seals
For details see accompanying documents
dop.sika.com

ECOLOGISCHE, VEILIGHEIDS- EN GEZONDHEIDSINFORMATIE (REACH)

Voor informatie en advies over de veilige hantering, opslag en verwijdering van chemicaliën verwijzen wij de gebruiker naar het recentste veiligheidsinformatieblad die fysische, ecologische, toxicologische en andere veiligheidsgegevens bevat.

WETTELIJKE INFORMATIE

De informatie wordt in goed vertrouwen verstrekt op basis van de huidige kennis en ervaring van Sika met producten die op de juiste wijze zijn opgeslagen, behandeld en toegepast onder normale omstandigheden in overeenstemming met de aanbevelingen van Sika. In de praktijk zijn de verschillen in materialen, ondergronden en werkelijke omstandigheden ter plaatse zodanig dat er geen garantie kan worden ontleend met betrekking tot verhandelbaarheid of geschiktheid voor een bepaald doel, noch enige aansprakelijkheid voortvloeiend uit enige juridische relatie, op basis van deze informatie, of uit enige schriftelijke aanbevelingen of enig ander advies dat wordt gegeven. De gebruiker van het product moet de verenigbaarheid van het product testen voor de beoogde toepassing en doel. Sika behoudt zich het recht voor om de eigenschappen van haar producten te wijzigen. De eigendomsrechten van derden dienen te worden gerespecteerd. Alle bestellingen worden aanvaard onder de huidige verkoop- en leveringsvoorwaarden. Gebruikers dienen altijd de meest recente uitgave van het lokale productinformatieblad te raadplegen voor het betreffende product; exemplaren hiervan worden op verzoek verstrekt

Prestatieverklaring

SikaSeal®-626 Fire Board
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BUILDING TRUST

