Classification Report for Fire resistance classification of construction products and building elements in accordance with EN 13501-2: 2023

SPONSOR: ROCKWOOL Limited

PRODUCT NAME: FirePro® SP FireStop EN

Project Number: 4791475723
Report Number: 4790634702
Issue Number: 04

Date of issue 24 June 2026

UL.com/Solutions
Copyright © 2026 UL LLC.

UL International (UK) Ltd.
220, Cygnet Court, Centre Park, Warrington. WA1 1PP
Approved Body No. 0843

UKAS PRODUCT CERTIFICATION
4705

Table of contents

Table of contents 2
1. Introduction 3
2. Details of classification product 3
2.1. General 3
2.2. Product description 3
3. Test reports in support of classification 3
3.1. Summary of test reports 3
3.2. Results 4
4. Classification and field of application 8
4.1. Reference of classification 8
4.2. Classification 8
4.3. Field of Application 25
5. Limitations 28
6. Signatories 28
6.1. Amendments 28

Copyright © 2026 UL LLC.

1. Introduction

This classification report defines the classification assigned to the fire resisting linear joint and gap sealing system designated as FirePro® SP FireStop EN, by the procedures given in

EN 13501-2: 2023 - Fire classification of construction products and building elements. - Part 2: Classification using data from fire resistance tests, excluding ventilation services

This classification report consists of 27 pages and may only be used or reproduced in its entirety.

2. Details of classification product

2.1. General

The product designated as FirePro® SP FireStop EN is a fire resisting linear joint and gap sealing system to be used to reinstate the performance between floors and walls.

2.2. Product description

The FirePro® SP FireStop EN designated as a fire resisting linear joint and gap sealing system is fully described in the test reports provided in support of Classification, detailed in clause 3.1.

3. Test reports in support of classification

3.1. Summary of test reports

Name of laboratory	Name of sponsor	Test and Date	Test method
Warringtonfire Testing and Certification Limited - Approved Body No. 0833	ROCKWOOL Limited	WF No. 517434/R, 14/04/2022	BS EN 1366-4:2021
		WF No. 518732/R, 31/05/2022	
		WF No. 514261/R, 15/04/2022	
		WF No. 517720/R, 28/04/2022	
		WF No. 532699A/R, 20/06/2023	
		WF No. 537524/R, 27/10/2023	
		WF No. 542077/R Issue 2, 25/09/2024	
		WF No. 545254/R, 27/07/2024	
		WF No. 545255/R, 05/08/2024	
		WF No. 535663/R, 25/08/2023	BS EN 1366-3:2021

Copyright © 2026 UL LLC.

3.2. Results

Summary of report No.: WF No. 517434/R

A fire resistance test in accordance with EN 1366-4: 2021, on linear gap seals installed in a rigid wall supporting construction. The results of the test were as follows:

Product	Integrity (minutes)		Insulation (minutes)
	Cotton Pad	Sustained Flaming	
A	144	144	132
B	83	87	83
C	68	72	68
D	144	144	144

Summary of report No.: WF No. 518732/R

A fire resistance test in accordance with EN 1366-4: 2021, on linear gap seals installed in a vertical supporting construction, made up of aerated concrete lintels, steel framing systems and composite panel systems. The results of the test were as follows:

Product	Integrity (minutes)		Insulation (minutes)
	Cotton Pad	Sustained Flaming	
A	132	132	132
B	132	132	61
E	132	132	132

Summary of report No.: WF No. 514261/R

A fire resistance test in accordance with EN 1366-4: 2021, on linear gap seals installed in a rigid floor supporting construction. The results of the test were as follows:

Product	Integrity (minutes)		Insulation (minutes)
	Cotton Pad	Sustained Flaming	
A	50	50	50
B	61	61	61
C	132	132	132
D	132	132	132

Copyright © 2026 UL LLC.

Summary of report No.: WF No. 517720/R

A fire resistance test in accordance with EN 1366-4: 2021, on linear gap seals installed in a rigid floor supporting construction, with 600 mm thick upstands made up of aerated concrete lintels, steel framing systems and composite panel systems. The results of the test were as follows:

Product	Integrity (minutes)		Insulation (minutes)
	Cotton Pad	Sustained Flaming	
A	97	97	97
B	132	132	128
C	132	132	132
D	69	69	69
E	121	132	22
F	132	132	26

Summary of report No.: WF No. 537524/R

A fire resistance test in accordance with EN 1366-4: 2021, on linear gap seals installed in a rigid floor supporting construction, with 600 mm thick upstands made up of aerated concrete lintels. The results of the test were as follows:

Specimen	Integrity (minutes)		Insulation (minutes)
	Cotton pad	Sustained flames	
C	132	132	132
D	132	132	132
E	132	132	132
F	132	132	132

Summary of report No.: WF No. 532699/A

A fire resistance test in accordance with EN 1366-4: 2021, on linear gap seals installed in a rigid floor supporting construction. The results of the test were as follows:

Product	Integrity (minutes)		Insulation (minutes)
	Cotton Pad	Sustained Flaming	
C	132	132	128

Copyright © 2026 UL LLC.

Summary of report No.: WF No. 535663/R

A fire resistance test in accordance with EN 1366-3: 2021, on linear gap seals installed in a rigid floor supporting construction with Masonry Support Brackets partially penetrating the Specimens. The results of the test were as follows:

Product	Integrity (minutes)		Insulation (minutes)
	Cotton Pad	Sustained Flaming	
C1	144	144	38
C2	144	144	144
C3	144	144	144

Summary of report No.: WF No. 542077/R Issue 2

A fire resistance test in accordance with EN 1366-4: 2021, on linear gap seals installed in a rigid floor supporting construction. The results of the test were as follows:

Product	Integrity (minutes)		Insulation (minutes)
	Cotton Pad	Sustained Flaming	
A	107	110	107
B	132	132	132
C	132	132	132
F	132	132	132

Summary of report No.: WF No. 545254/R

A fire resistance test in accordance with EN 1366-4: 2021, on linear gap seals installed in a rigid floor supporting construction. The results of the test were as follows:

Specimen	Integrity (minutes)		Insulation (minutes)
	Cotton pad	Sustained flames	
C	132	132	132
D	132	132	129
E	132	132	132
F	132	132	132
G	132	132	132
G - Brick support A	132	132	132
G - Brick support B	132	132	32
G - Brick support C	132	132	132

Copyright © 2026 UL LLC.

Summary of report No.: WF No. 545255

A fire resistance test in accordance with EN 1366-4: 2021, on linear gap seals installed in a rigid wall supporting construction. The results of the test were as follows:

Specimen	Integrity (minutes)		Insulation (minutes)
	Cotton pad	Sustained flames	
A	144	144	144
B	144	144	144
C	144	144	144
D	144	144	144
E	144	144	144

Copyright © 2026 UL LLC.

4. Classification and field of application

4.1. Reference of classification

This classification has been carried out in accordance with Clause 7 of EN 13501-2: 2023.

4.2. Classification

The linear joint gap seal designated as FirePro® SP FireStop EN is classified according to the following combinations of performance parameters and classes as appropriate.

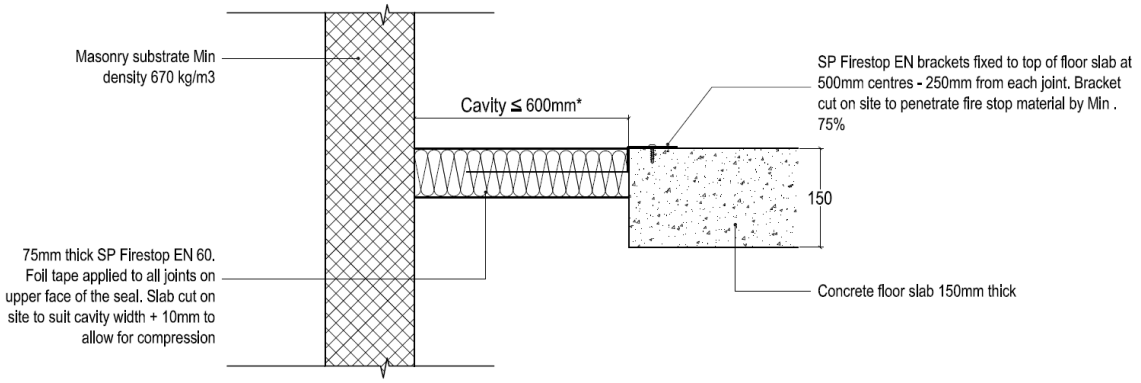
R	**E**	**I**	**W**		***t***	***t***	**-**	**M**	**S**	**-**	**C**	**IncSlow**	**sn**	**ef**	**r**

Copyright © 2026 UL LLC.

Horizontally oriented FirePro® SP FireStop

Horizontally oriented FirePro® SP FireStop EN 60 Systems within rigid floors with a maximum cavity width of 600mm

Construction details:



HORIZONTAL FirePro® SP FireStop EN

For Joints up to 400 mm (with Min. 5 mm seal compression), the SP FireStop EN 60 can be mounted at any position within the depth of the floor slab. Joints between 400 & 600 mm shall be mounted on the top of the slab.

Fixing brackets to project a minimum of 75% of the width of the fire stop material

A plastic DPC of minimum 0.5mm thickness and minimum 150mm width can be incorporated within the cavity construction.

*Max joint width as shown below

FirePro® SP FireStop EN 60 within Min. 150mm thick rigid floors

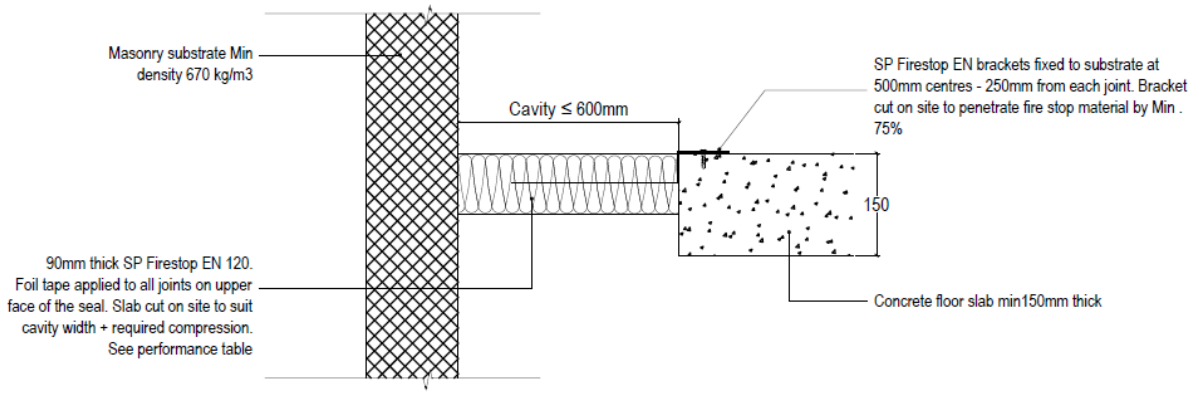
Min. Thickness	Max. Cavity width	Min. Compression	Bracket type	Substrates	Classification
75 mm	300 mm	0 mm	SP/L	AAC-AAC	**EI 60 – H – X – F – W 50 to W 300**
75 mm	400 mm	5 mm	SP/L	AAC-AAC	**EI 60 – H – X – F – W 50 to W 400**
75 mm	600 mm	10 mm	SP/L	AAC-AAC	**EI 30 – H – X – F – W 50 to W 600**

Copyright © 2026 UL LLC.

UL International (UK) Ltd.
220, Cygnet Court, Centre Park, Warrington. WA1 1PP
Approved Body No. 0843
Form-ULID-006104 V10.0

Horizontally oriented FirePro® SP FireStop EN 120 Systems within rigid floors with a maximum cavity width of 600mm

Construction details:



HORIZONTAL ROCKWOOL SP FIRESTOP EN

For Joints up to 400 mm (with minimum 5 mm seal compression), the SP FireStop EN 120 can be mounted at any position within the depth of the floor slab. Joints between 400 & 600 mm shall be mounted on the top of the slab.

Fixing brackets to project a minimum of 75% of the width of the fire stop material

*Max joint width as shown below

A plastic DPC of minimum 0.5mm thickness and minimum 150mm width can be incorporated within the cavity construction.

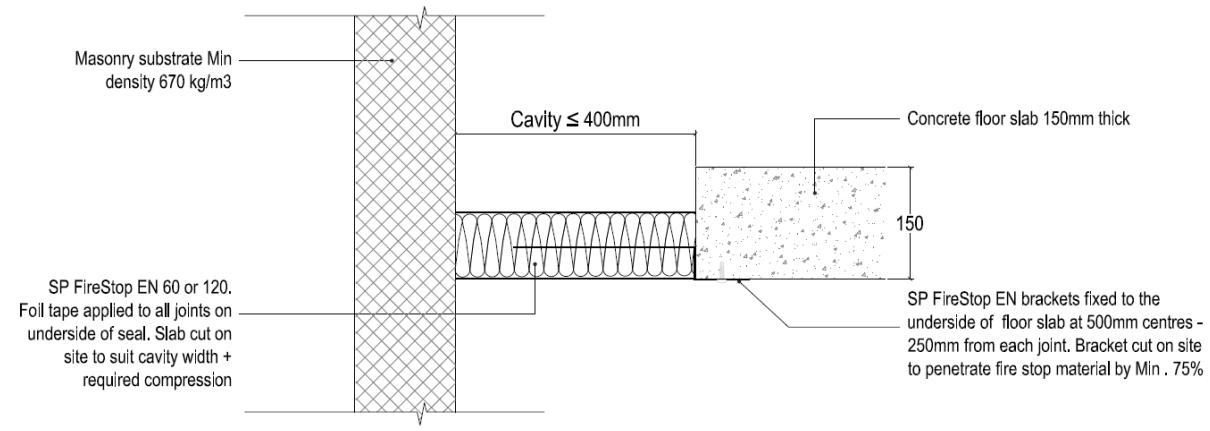
FirePro®SP FireStop EN 120 within Min. 150mm thick rigid floors

Min. Seal thickness	Max Joint width	Bracket reference	Min. Seal compression	Substrates	Classification
90 mm	200 mm	SP/L	0 mm	AAC-AAC	**EI 120 – H – X – F – W 50 to W 200**
90 mm	400 mm	SP/L	5 mm	AAC-AAC	**EI 120 – H – X – F – W 50 to W 400**
90 mm	600 mm	SP/L	10 mm	AAC-AAC	**EI 60 – H – X – F – W 50 to W 600**
90 mm	600 mm	SP/XL	10 mm	AAC-AAC	**EI 90 – H – X – F – W 50 to W 600**

Copyright © 2026 UL LLC.

Horizontally oriented FirePro® SP FireStop EN Systems within rigid floors with a maximum cavity width of 400mm

Construction details:



HORIZONTAL ROCKWOOL SP FIRESTOP EN

Width of seal to be compressed by a minimum of 5 mm for installation
Fixing brackets to project a minimum of 75% of the width of the fire stop material

A plastic DPC of minimum 0.5mm thickness and minimum 150mm width can be incorporated within the cavity construction.

FirePro®SP FireStop EN 60 within Min. 150mm thick rigid floors – Installed from below only

Seal thickness	Max Joint width	Bracket reference	Seal compression	Substrates	Classification
75 mm	300 mm	SP/L	5mm	AAC-AAC	**EI 60 – H – X - F – W 50 to W 300**

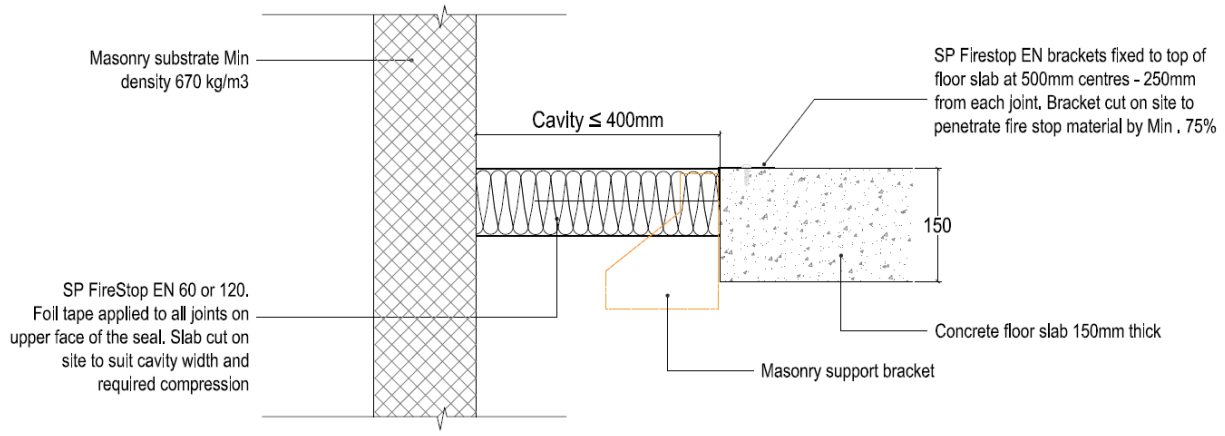
FirePro®SP FireStop EN 120 within Min. 150mm thick rigid floors – Installed from below only

Seal thickness	Max Joint width	Bracket reference	Seal compression	Substrates	Classification
90 mm	300 mm	SP/L	10 mm	AAC-AAC	**EI 120 – H – X – F – W 50 to W 300**
90 mm	400 mm	SP/L	10 mm	AAC-AAC	**EI 60 – H – X – F – W 50 to W 400**

Copyright © 2026 UL LLC.

Horizontally oriented FirePro® SP FireStop EN Systems within rigid floors with a maximum cavity width of 400mm including masonry support bracket of varying lengths

Construction details:



HORIZONTAL ROCKWOOL SP FIRESTOP EN

Width of seal to be compressed by a minimum of 10 mm for installation
Fixing brackets to project a minimum of 75% of the width of the fire stop material

FirePro®SP FireStop EN 60 within Min. 150mm thick rigid floors – Masonry support brackets

Where Masonry support brackets are mounted within the joint aperture facing, the SP FireStop EN 60 shall be positioned within the joint, such that the top edge of the masonry support bracket, does not fully penetrate through the foil on the upper face of the product.

Service	Min. Seal thickness	Max joint size*	Bracket reference	Seal compression	Substrates	Classification
180 mm deep x 50 mm wide Masonry support bracket	75 mm*	2600 x 400mm	SP/L	5mm	AAC-AAC	**EI 60**

FirePro®SP FireStop EN 120 within Min. 150mm thick rigid floors – Masonry support brackets

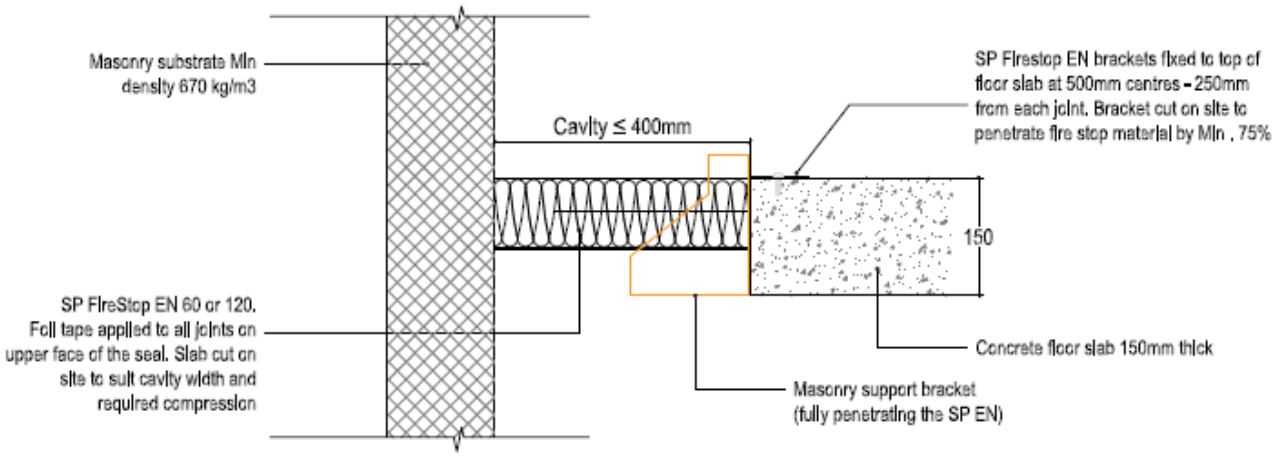
Where Masonry support brackets are mounted within the joint aperture facing, the SP FireStop EN 120 shall be positioned within the joint, such that the top edge of the masonry support bracket, does not fully penetrate through the foil on the upper face of the product.

180 mm deep x 50 mm wide Masonry support bracket	90 mm	1100 x 400 mm	SP/L	10mm	AAC-AAC	**EI 120**

*This has also been tested as linear joint seal which allows unlimted length for joints with a maximum width of 400mm, see page 9. In combination this would allow for a continuous length of joint seal along with the partial penetrations at 350 mm centres.

Copyright © 2026 UL LLC.

Horizontally oriented FirePro® SP FireStop EN Systems within rigid floors with a maximum cavity width of 400mm where the masonry support bracket fully penetrates the specimen



HORIZONTAL ROCKWOOL SP FIRESTOP EN

Width of seal to be compressed by a minimum of 5 mm for installation
Fixing brackets to project a minimum of 75% of the width of the fire stop material

FirePro®SP FireStop EN 60 within Min. 150mm thick rigid floors – Masonry support brackets.

Service	Min. Seal thickness	Bracket reference	Seal compression	Substrates	Classification
180 mm wide x 50 mm deep Masonry support bracket	75 mm	SP/L	5mm	AAC-AAC	**EI 30 E 60**

FirePro®SP FireStop EN 120 within Min. 150mm thick rigid floors – Masonry support brackets

Service	Min. Seal thickness	Bracket reference	Seal compression	Substrates	Classification
180 mm wide x 50 mm deep	90 mm	SP/L	10mm	AAC-AAC	**EI 30 E 120**

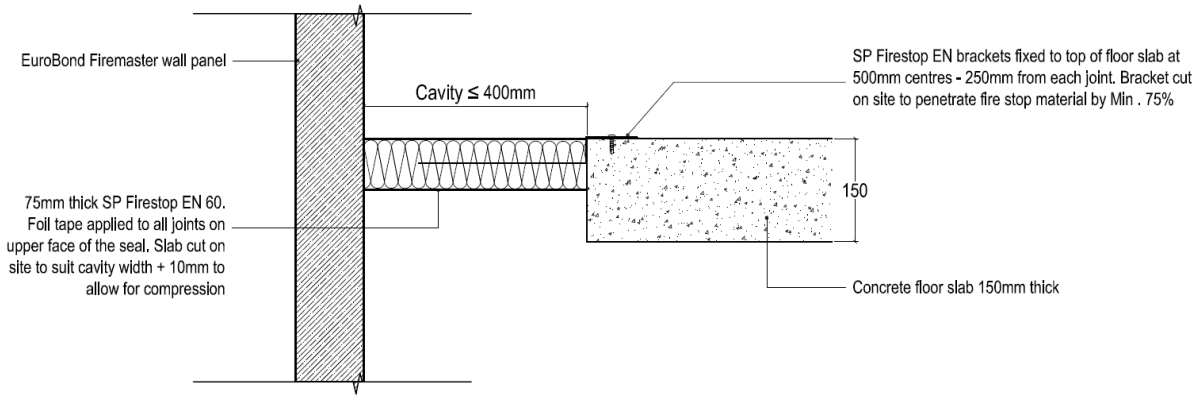
Copyright © 2026 UL LLC.

Masonry support bracket					

Copyright © 2026 UL LLC.

Horizontally oriented FirePro® SP FireStop EN 60 (75mm thick) Systems between rigid floors and Composite walls

Construction details:



HORIZONTAL FirePro® SP FireStop EN

Width of seal to be compressed by a minimum of 10 mm for installation
Fixing brackets to project a minimum of 75% of the width of the fire stop material

FirePro® SP FireStop EN 60 between Min. 150mm thick rigid floors and Min. 100mm thick Eurobond Firemaster Composite walls

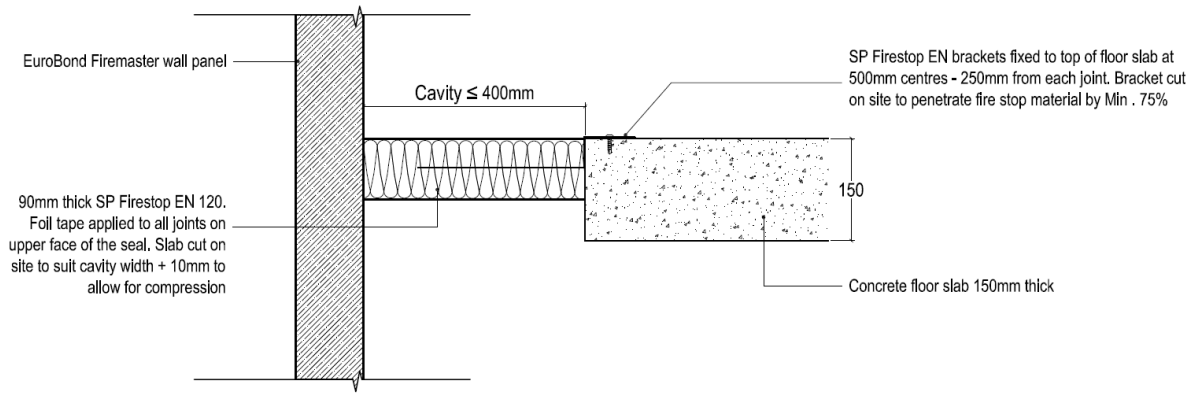
Min. Seal thickness	Max joint width	Bracket reference	Substrates	Classification
75 mm	400 mm	SP/L	AAC-Firemaster wall	**E 60 – H – X – F – W 50 to W 400** **EI 15 – H – X – F – W 50 to W 400**

Copyright © 2026 UL LLC.

UL International (UK) Ltd.
220, Cygnet Court, Centre Park, Warrington. WA1 1PP
Approved Body No. 0843
Form-ULID-006104 V10.0

Horizontally oriented FirePro® SP FireStop EN 120 (90mm thick) Systems between rigid floors and Composite walls

Construction details:



HORIZONTAL FirePro® SP FireStop EN

Width of seal to be compressed by a minimum of 10 mm for installation
Fixing brackets to project a minimum of 75% of the width of the fire stop material

FirePro® SP FireStop EN 120 between Min. 150mm thick rigid floors and Min. 100mm thick Eurobond Firemaster Composite walls

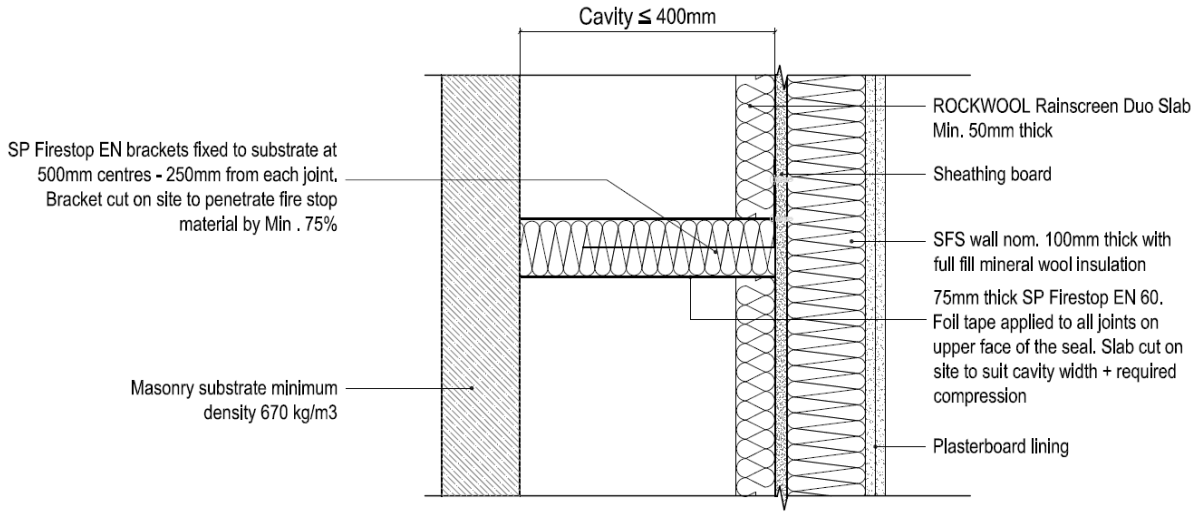
Min. Seal thickness	Max Joint width	Bracket reference	Substrates	Classification
90 mm	400 mm	SP/L	AAC-Firemaster wall	**E 120 – H – X – F – W 50 to W 400** **EI 15 – H – X – F – W 50 to W 400**

Copyright © 2026 UL LLC.

UL International (UK) Ltd.
220, Cygnet Court, Centre Park, Warrington. WA1 1PP
Approved Body No. 0843
Form-ULID-006104 V10.0

Horizontally oriented FirePro® SP FireStop EN 60 (75mm thick) Systems between SFS Walls and masonry constructions.

Construction details:



HORIZONTAL ROCKWOOL SP FIRESTOP EN

Width of seal to be compressed by a minimum of 5 mm for installation
Fixing brackets to project a minimum of 75% of the width of the fire stop material

The SFS wall system shall comprise either 12mm thick cement fibre board or 12.5 mm gypsum based external sheathing board* to which the SP EN is fixed. The wall must be a min 100mm thick and consist of an insulated cavity with gypsum-based board(s) on the inner face. The steel framing shall be fabricated using min of 0.5mm thick steel.

A plastic DPC of minimum 0.5mm thickness and minimum 150mm width can be incorporated within the cavity construction.

* For example ‘Knauf Windliner’ or ‘Siniat Weather Defence’

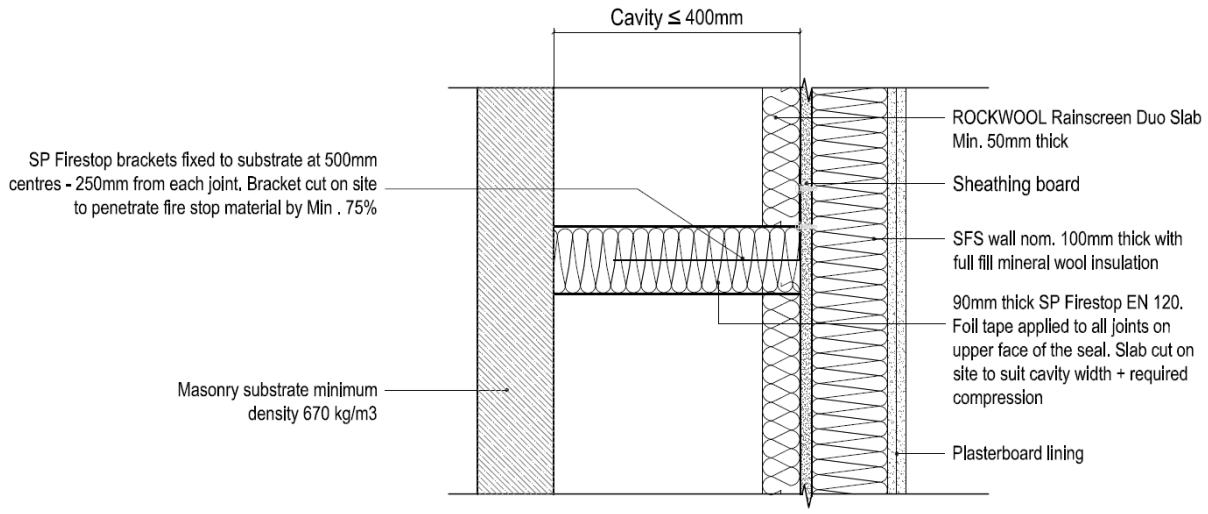
FirePro® SP FireStop EN 60 fixed to a SFS wall system and out to a masonry construction

Min. Seal thickness	Max joint width	Bracket reference	Substrates	Classification
75 mm	400 mm	SP/L	SFS wall - AAC	**EI 60 – H – X – F – W 50 to W 400**

Copyright © 2026 UL LLC.

Horizontally oriented FirePro® SP FireStop EN 120 (90mm thick) Systems between SFS Walls and masonry constructions.

Construction details:



HORIZONTAL ROCKWOOL SP FIRESTOP EN

Width of seal to be compressed by a minimum of 5 mm for installation
Fixing brackets to project a minimum of 75% of the width of the fire stop material

The SFS wall system shall comprise either 12mm thick cement fibre board or 12.5 mm gypsum based external sheathing board* to which the SP EN is fixed. The wall must be a min 100mm thick and consist of an insulated cavity with gypsum-based board(s) on the inner face. The steel framing shall be fabricated using min of 0.5mm thick steel.

A plastic DPC of minimum 0.5mm thickness and minimum 150mm width can be incorporated within the cavity construction.

* For example, ‘Knauf Windliner’ or ‘Siniat Weather Defence’

FirePro® SP FireStop EN 120 fixed to a SFS wall system and out to a masonry construction

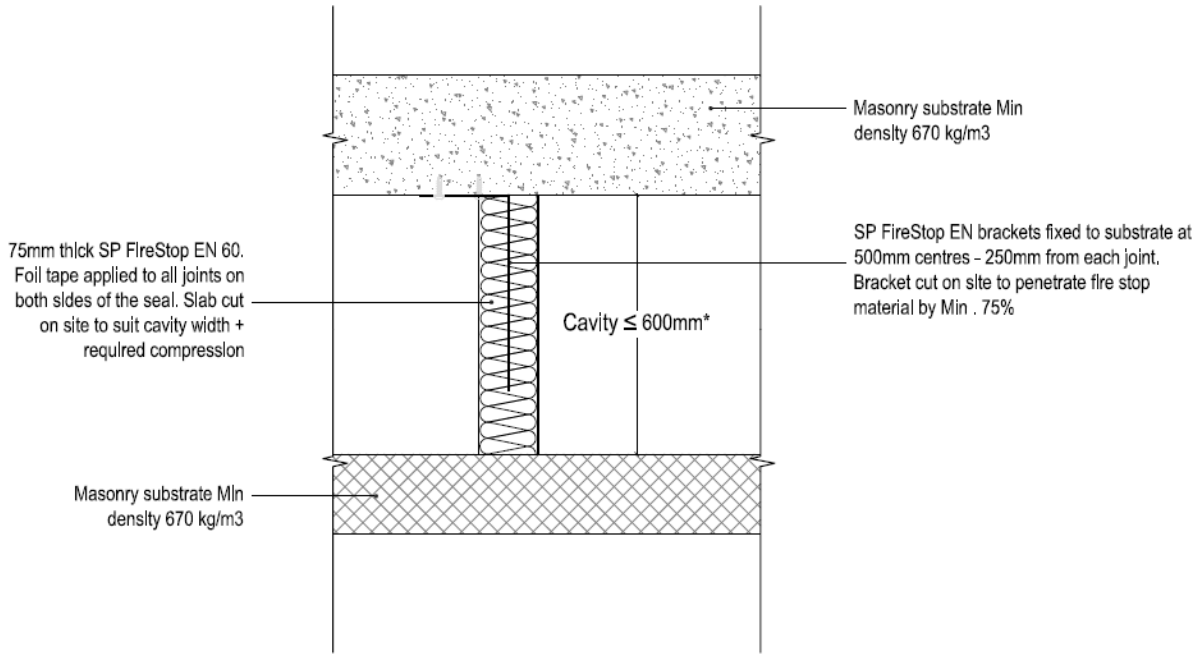
Min. Seal thickness	Max joint width	Bracket reference	Substrates	Classification
90 mm	400 mm	SP/L	SFS wall - AAC	**EI 120 – H – X – F – W 50 to W 400**

Copyright © 2026 UL LLC.

Vertically oriented FirePro® SP FireStop

Vertically oriented FirePro® SP FireStop EN 60 Systems within Minimum 150mm rigid walls

Construction details:



VERTICAL ROCKWOOL SP FIRESTOP EN

Fixing brackets to project a minimum of 75% of the width of the fire stop material

A plastic DPC of minimum 0.5mm thickness and minimum 150mm width can be incorporated within the cavity construction.*Max joint width as shown below

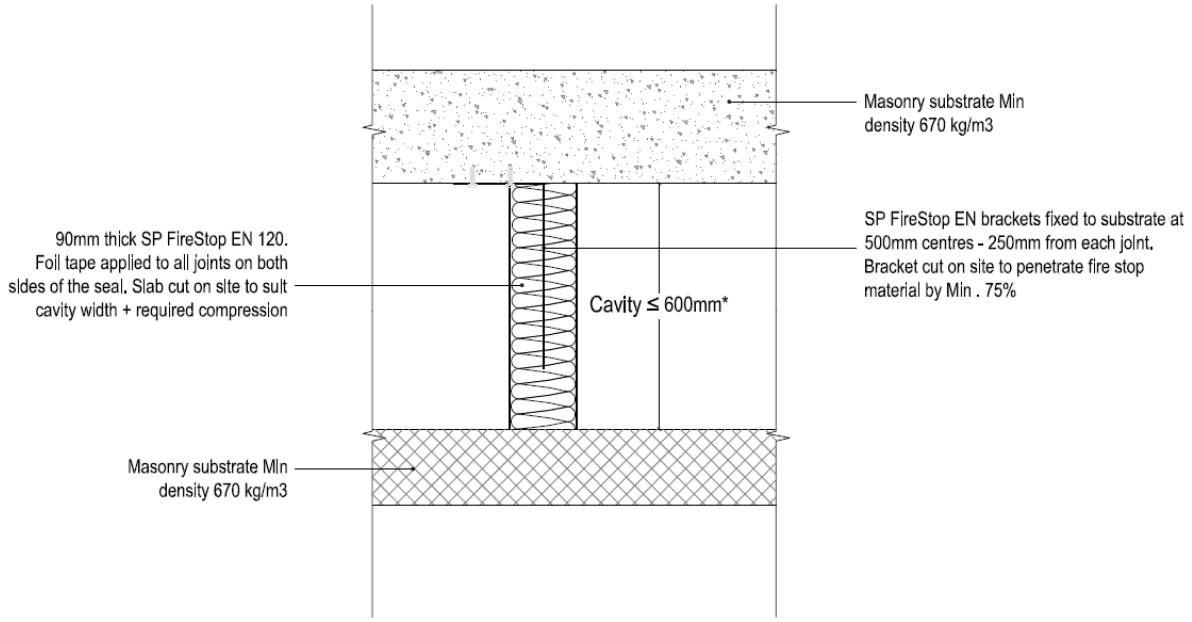
FirePro® SP FireStop EN 60 within Min. 150mm thick rigid walls

Min. Seal thickness	Max joint width	Bracket reference	Min. Seal compression	Substrates	Classification
75 mm	400 mm	SP/L	5 mm	AAC-AAC	**EI 60 – V – X – F – W 50 to W 400**
75 mm	600 mm	SP/XL	10 mm	AAC-AAC	**EI 60 – V – X – F – W 50 to W 600**

Copyright © 2026 UL LLC.

Vertically oriented FirePro® SP FireStop EN 120 Systems within Minimum 150 mm rigid walls

Construction details:



VERTICAL ROCKWOOL SP FIRESTOP EN

Width of seal to be compressed by a minimum of 10 mm for installation
A plastic DPC of minimum 0.5mm thickness and minimum 150mm width can be incorporated within the cavity construction.Fixing brackets to project a minimum of 75% of the width of the fire stop material

*Max joint width as shown below

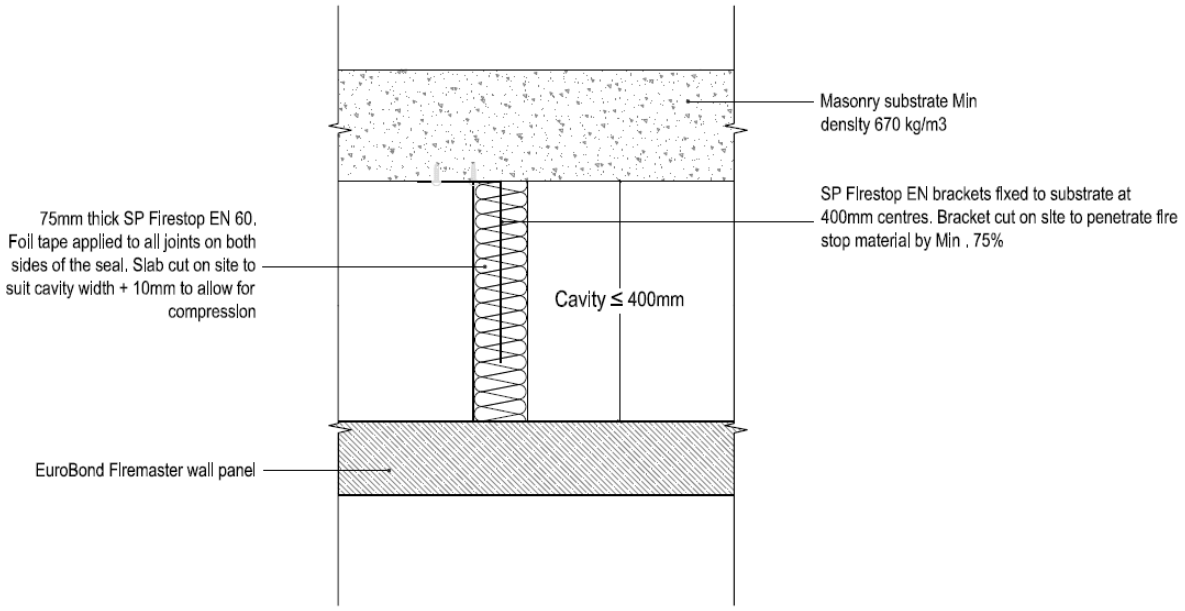
FirePro® SP FireStop EN 120 within minimum 150 mm thick rigid walls

Seal Thickness	Max Joint width	Bracket reference	Substrates	Classification
90 mm	400 mm	SP/L	AAC-AAC	**EI 120 – V – X – F – W 50 to W 400**
90 mm	600 mm	SP/XL	AAC-AAC	**EI 120 – V – X – F – W 50 to W 600**

Copyright © 2026 UL LLC.

Vertically oriented FirePro® SP FireStop EN 60 Systems between Minimum 150mm thick rigid wall and Minimum 100mm thick Composite walls

Construction details:



VERTICAL ROCKWOOL SP FIRESTOP EN

Width of seal to be compressed by a minimum of 10 mm for installation
Fixing brackets to project a minimum of 75% of the width of the fire stop material

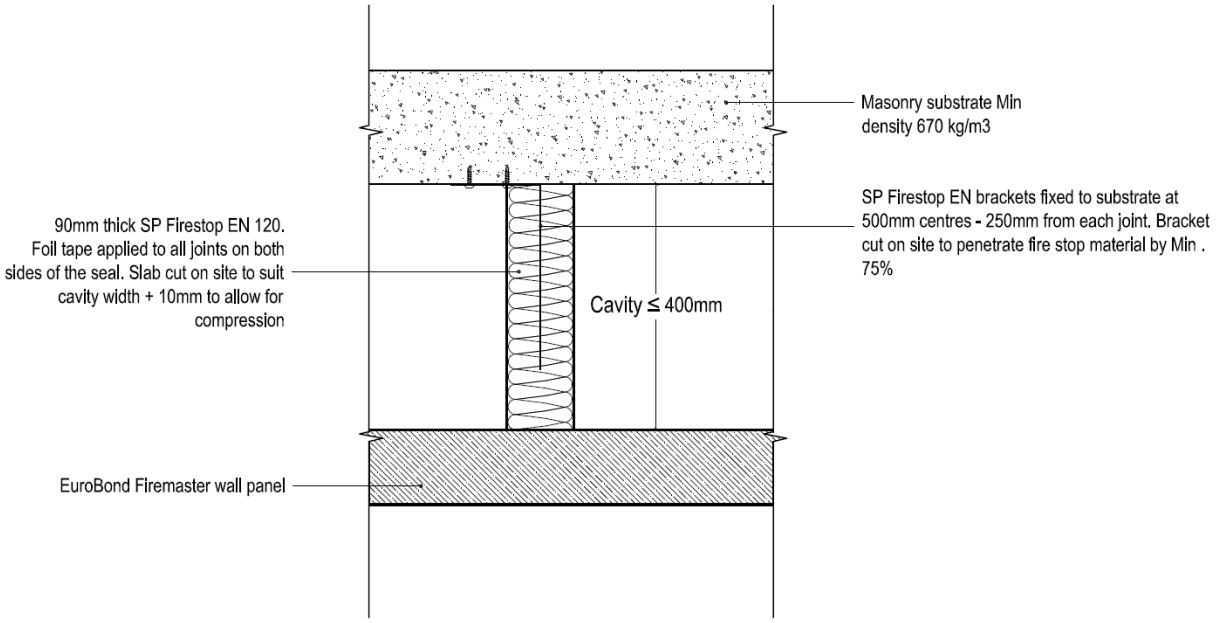
FirePro® SP FireStop EN 60 between rigid walls and Eurobond Firemaster Composite walls (Min 100mm thick)

Min. Seal thickness	Max joint width	Bracket reference	Substrates	Classification
75 mm	400 mm	SP/L	AAC-Firemaster wall	**EI 60 – V – X – F – W 50 to W 400**

Copyright © 2026 UL LLC.

Vertically oriented FirePro® SP FireStop EN 120 Systems between Minimum 150mm thick rigid walls and Min. 100mm thick Composite walls

Construction details:



VERTICAL FirePro® SP FireStop EN

Width of seal to be compressed by a minimum of 10 mm for installation
Fixing brackets to project a minimum of 75% of the width of the fire stop material

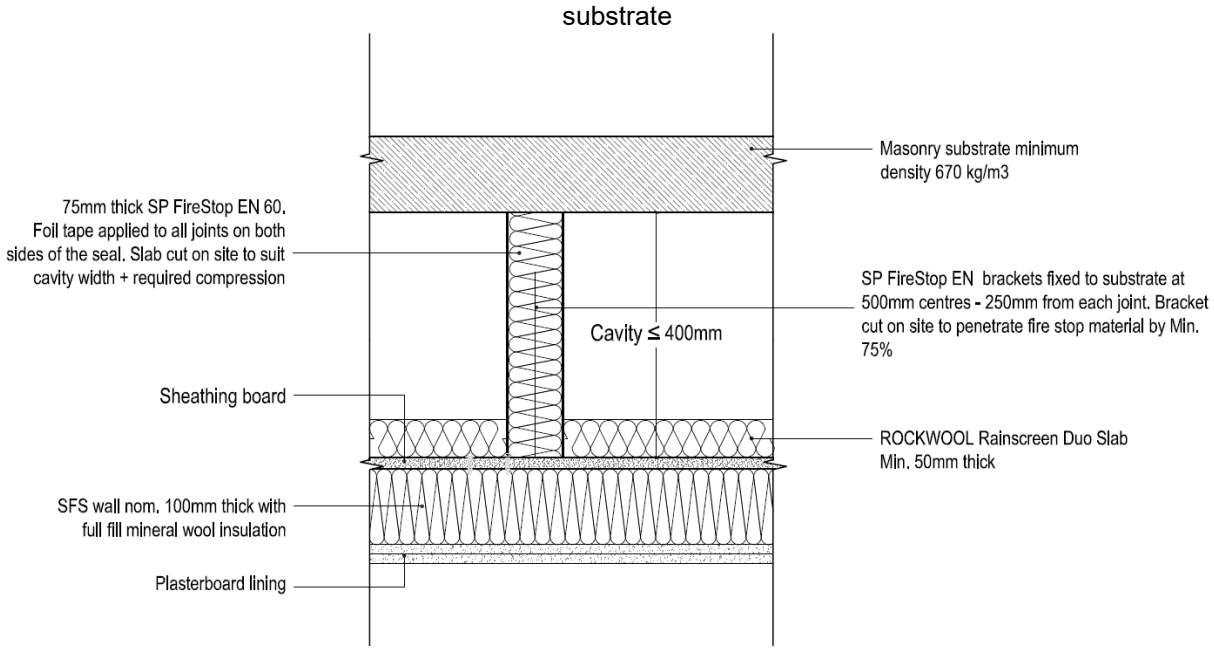
FirePro® SP FireStop EN 120 between Min. 200mm rigid walls and Min. 100mm thick Eurobond Firemaster Composite walls

Min. Seal thickness	Max joint width	Bracket reference	Substrates	Classification
90 mm	400 mm	SP/L	AAC-Firemaster wall	**E 120 – V – X – F – W 50 to W 400** **EI 60 – V – X – F – W 50 to W 400**

Copyright © 2026 UL LLC.

Vertically oriented FirePro® SP FireStop EN 60 Systems between Min. 75mm thick SFS Walls and Minimum 150mm thick masonry constructions

Construction details:



VERTICAL ROCKWOOL SP FIRESTOP EN

Fixing brackets to project a minimum of 75% of the width of the fire stop material

The SFS wall system shall comprise either 12mm thick cement fibre board or 12.5 mm gypsum based external sheathing board* to which the SP EN is fixed. The SFS wall must be a min 100mm thick and consist of an insulated cavity with gypsum-based board(s) on the inner face. The steel framing shall be fabricated using min of 0.55mm thick steel.

A plastic DPC of minimum 0.5mm thickness and minimum 150mm width can be incorporated within the cavity construction.

* For example, 'Knauf Windliner' or 'Siniat Weather Defence'

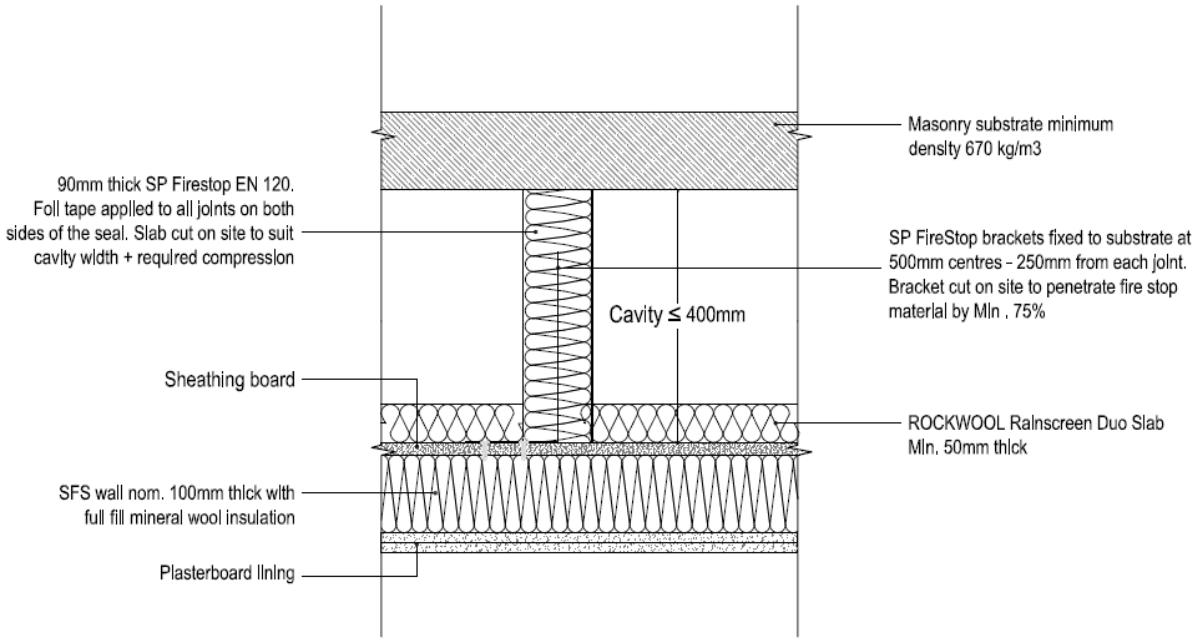
FirePro® SP FireStop EN 60 fixed to a SFS wall system and out to a masonry construction

Min. Seal thickness	Max joint width	Bracket reference	Min. Seal compression	Substrates	Classification
75 mm	300 mm	SP/L	0 mm	SFS wall - AAC	**EI 60 – V – X – F – W 50 to W 300**
75 mm	345 mm	SP/L	5 mm	SFS wall - AAC	**EI 60 – V – X – F – W 50 to W 345**
75 mm	400 mm	SP/L	10 mm	SFS wall - AAC	**EI 60 – V – X – F – W 50 to W 400**

Copyright © 2026 UL LLC.

Vertically oriented FirePro® SP FireStop EN 120 Systems between Minimum 75mm thick SFS Walls and Minimum 150mm thick masonry constructions

Construction details:



VERTICAL ROCKWOOL SP FIRESTOP EN

Fixing brackets to project a minimum of 75% of the width of the fire stop material

The SFS wall system shall comprise either 12 mm thick cement fibre board or 12.5 mm gypsum based external sheathing board* to which the SP EN is fixed. The wall must be a min 100mm thick and consist of an insulated cavity with gypsum-based board(s) on the inner face. The steel framing shall be fabricated using min of 0.5mm thick steel.

* For example ‘Knauf Windliner’ or ‘Siniat Weather Defence’

FirePro® SP FireStop EN 120 fixed to a SFS wall system and out to a masonry construction

Min. Seal thickness	Max joint width	Bracket reference	Max. Seal compression	Substrates	Classification
90 mm	300 mm	SP/L	0 mm	SFS wall - AAC	**EI 120 – V – X – F – W 50 to W 300**
90 mm	400 mm	SP/L	10 mm	SFS wall - AAC	**EI 120 – V – X – F – W 50 to W 400**

Copyright © 2026 UL LLC.

4.3. Field of Application

This classification is valid for the following end use applications (as defined in EN1366-4: 2021, referencing the following appropriate clauses of EN1366-4: 2021).

13.1 Orientation

The field of application regarding the orientation of the linear joint is given in Table 2. The possible orientation of linear joints (A to E) and of the specimens in the test (A to C) is illustrated in Figure 28.

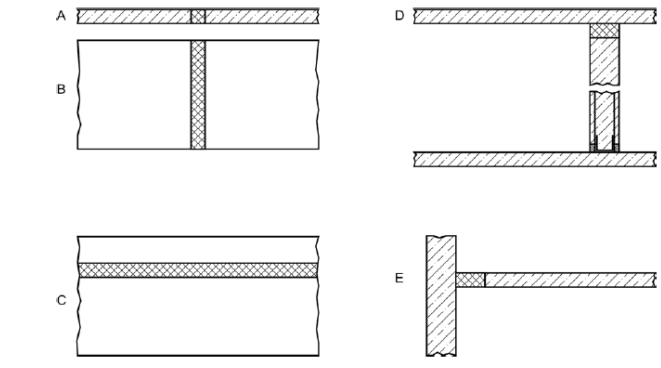
Orientation tested	Application
A	A, C, E [a]
B	B
D	C, D

Key

A	linear joint in a horizontal test construction
B	vertical linear joint in a vertical test construction
C	horizontal linear joint in a vertical test construction
D	horizontal wall joint abutting a floor, ceiling or roof
E	horizontal floor joint abutting a wall

[a] Orientation E will only be covered by test orientation A if shear movement was chosen and one face of the joint was fixed and the other face was moved.

Table 2 only applies when both the supporting construction and the location of the seal within the linear joint remain unchanged. See 13.3.



Key

joint seal

wall – front view

wall or floor – section

A linear joint in a horizontal test construction
B vertical linear joint in a vertical test construction
C horizontal linear joint in a vertical test construction
D horizontal wall joint abutting a floor, ceiling or roof (Top of Wall or Bottom of Wall)
E horizontal floor joint abutting a wall

Figure 28 — Test and application orientation of joint seals

Copyright © 2026 UL LLC.

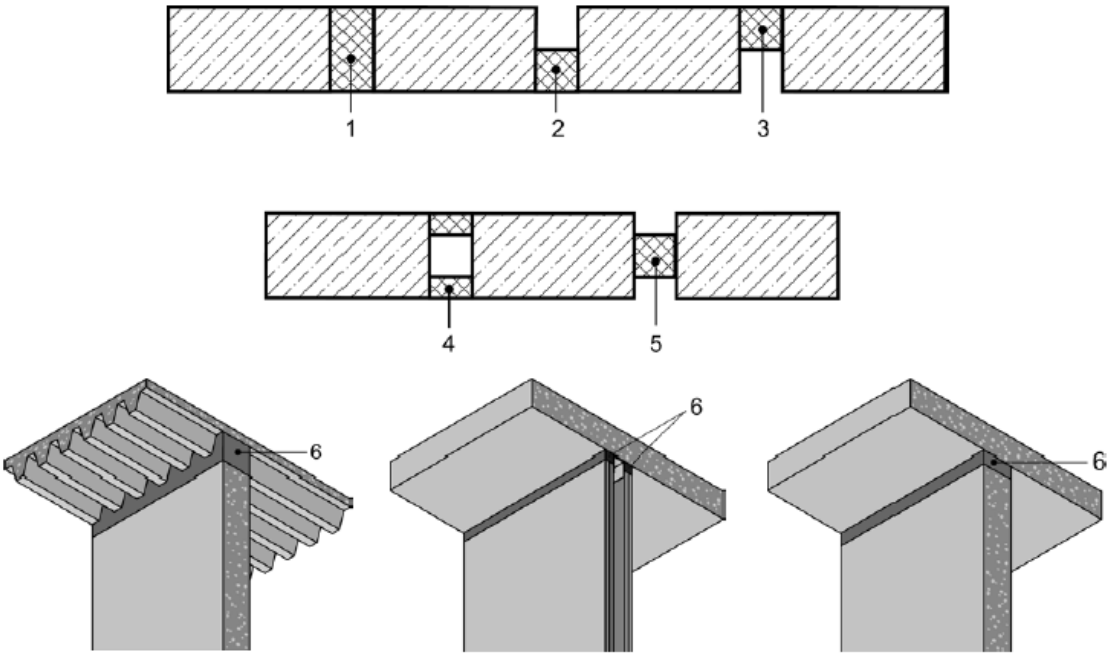
13.2 Supporting construction

Results obtained with autoclaved aerated concrete standard supporting constructions apply to aerated concrete, concrete, blockwork and masonry separating elements of a thickness and density equal to or greater than tested.

Test results obtained on a specific non-standard supporting construction apply only to that particular construction.

13.3 Supporting construction

Test results are valid only for the position (see Figure 17) in which the seal was tested, except that where the linear joint seal was fitted flush with the surface of the supporting construction and is exposed to the fire (see Figure 17, position 2), the result may also be applied to linear joint seals with positions 3 and 5.



Key

1	joint seal fills joint
2	joint seal at bottom of joint
3	joint seal at top of joint
4	joint seal forms one or more air cavities
5	joint seal centred in joint
6	joint seal at top of wall (flexible wall adjacent to a floor)

Figure 17 — Examples of joint seal position in a joint

Copyright © 2026 UL LLC.

13.5 Supporting construction

Linear joint seal made of mineral wool (faced)

The results of a seal compressed in the A<>A direction (see Figure 4) cover smaller joint width, provided the degree of compression (%) exerted on the seal is equal to or greater than that used in the test.

The results of a seal compressed in the B<>B or C<>C directions (see Figure 4) cover smaller joint width and/or higher compression, provided the compression applied is not sufficient to induce a mechanical failure of the seal e.g. a de-lamination fracture of the mineral wool or facing.

The depth of a seal may be increased but not decreased.

In non-movement joints the density of the mineral wool may be increased.

If more than one layer of mineral wool strips has been used in the test the number of layers may be reduced but not increased, provided the degree of compression (%) exerted on the seal is equal to or greater than that used in the test.

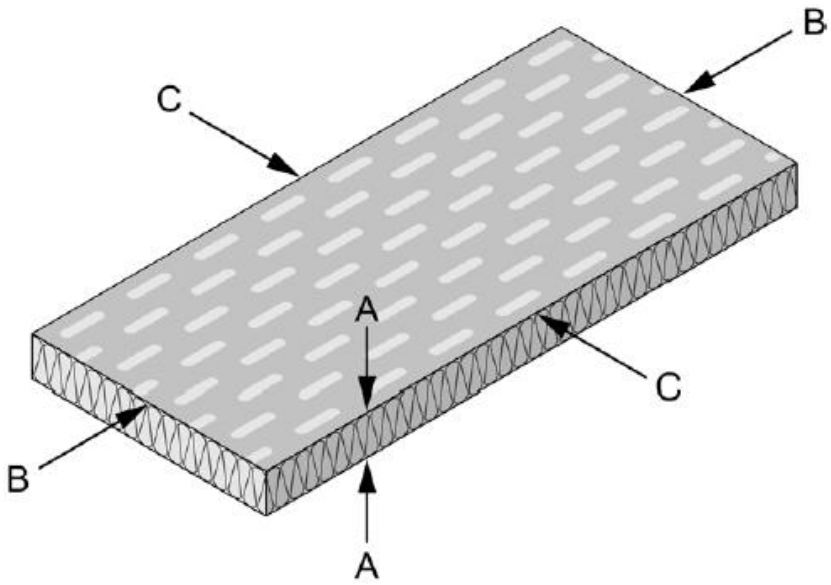


Figure 4 — Mineral wool - compression directions

Copyright © 2026 UL LLC.

5. Limitations

This classification report does not represent type approval or certification of the product.

6. Signatories

Report prepared by:



Andres Gallego
Engineer project Associate
Built Environment

Reviewed/Approved by:



Chris Sweeney
Senior Project Engineer
Built Environment

For and on behalf of UL International (UK) Ltd.

6.1. Amendments

See table for details of amendments to original Classification report template:

Version	Date	Changes	Creator / Approver
2.0	04.27.2023	Initial Issue	Chris Sweeney/Chris Johnson
3.0	07.09.2024	Addition of test results and field of application from new test reports WF 532699, 537524 & 535663.	Chris Sweeney/Chris Johnson
4.0	06.24.2026	Addition of test results and field of application from new test reports WF 542077, 545254 & 545255.	Andres Gallego/Chris Sweeney

END OF REPORT

Copyright © 2026 UL LLC.