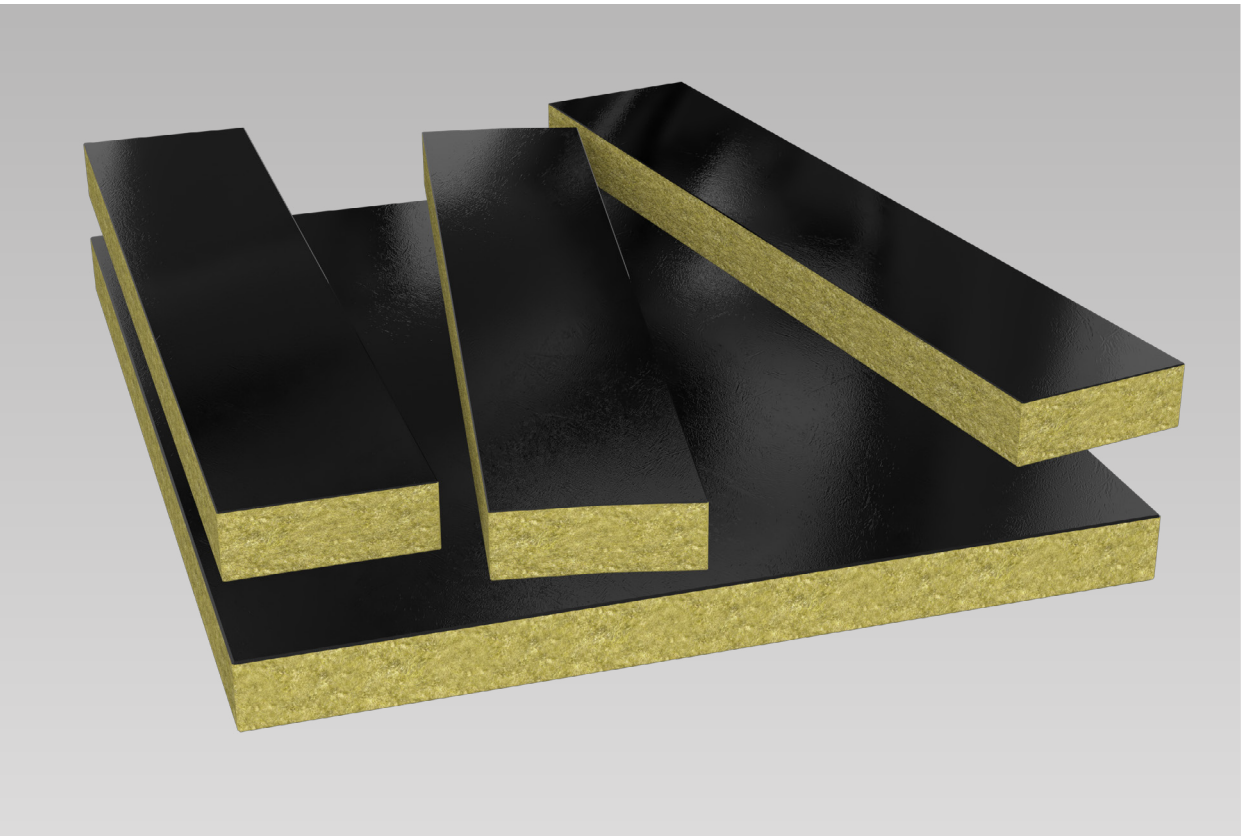


SP FireStop EN

Stone wool fire-stop for external wall constructions.

ROCKWOOL SP FireStop EN is designed and tested to resist the passage of fire, heat, and smoke through external wall constructions.

- Suitable for use both horizontally and vertically.
- Dry-fit installation.
- Tested to the following standards with a performance of up to EI 120*:
  - BS EN 1366-4:2021 'Fire resistance tests for service installations. Linear joint seals.'
  - BS EN 1364-4:2014 'Fire resistance tests for non-loadbearing elements. Curtain walling. Part configuration.'
- Black aluminium foil facing resists passage of smoke.

**Subject to application*

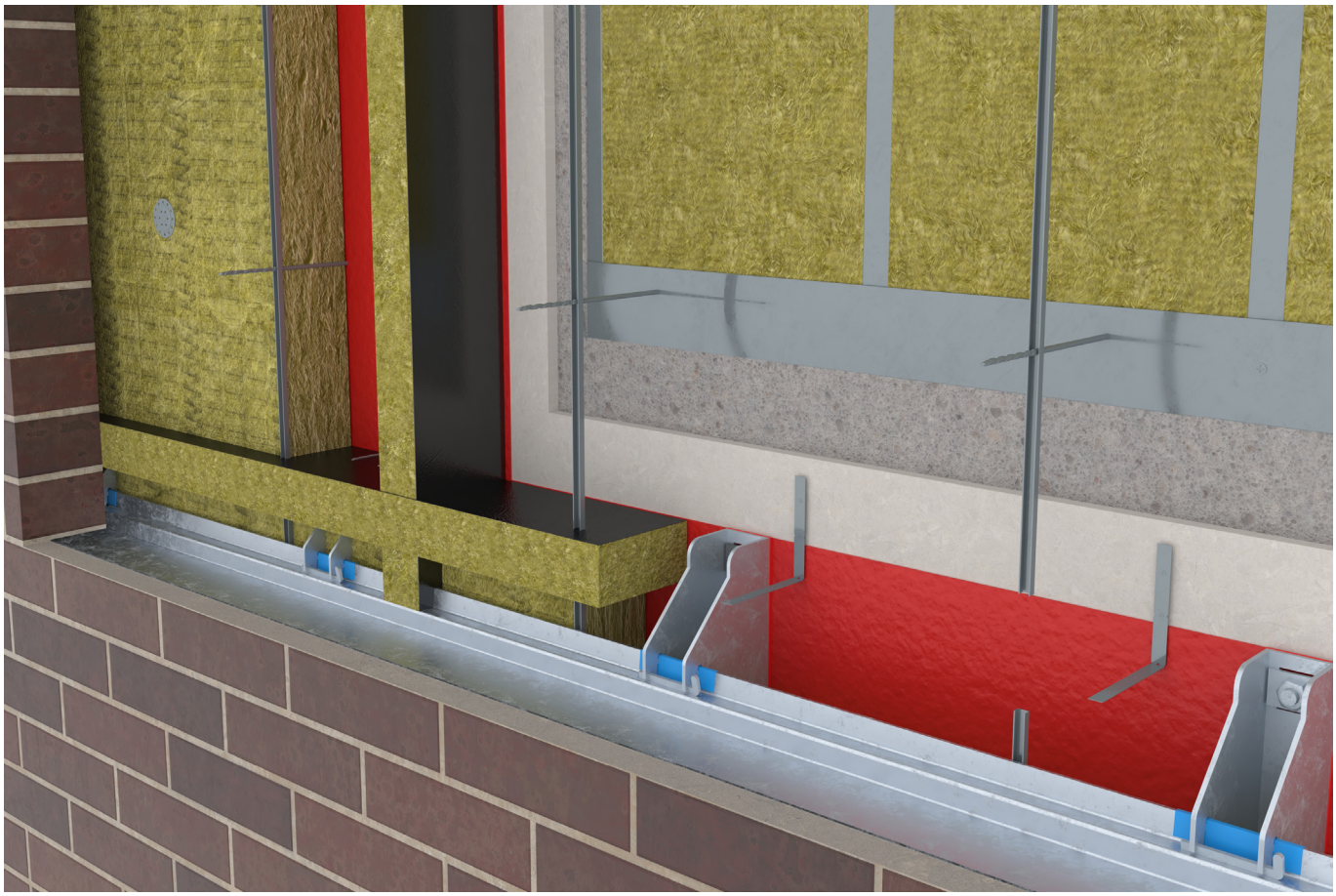


SP Firestop EN provides up to two hours' integrity and insulation.

Add to NBS Spec >

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SP FireStop EN



APPLICATIONS

SP FireStop EN may be installed horizontally or vertically and is suitable for cavity widths between 50mm and 600mm.*

SP FireStop EN has been tested between the following substrates:

- Masonry / concrete to masonry / concrete
- SFS to masonry / concrete
- Masonry concrete to composite panel (stone wool core)

SP FireStop EN is also suitable for use behind a curtain wall system as part of a spandrel protection detail.

Note: SP FireStop EN is not suitable for use as a horizontal fire barrier in ventilated façade systems. For these applications consider using SP FireStop OSCB.

This product is intended for use on the external side of the vapour barrier.

**Subject to application*

SP FireStop EN

PERFORMANCE

Fire performance

SP FireStop EN has been tested in accordance with BS EN 1366-4:2021; Fire resistance test for service installations. Linear joint seals. SP FireStop EN can provide up to EI 120 in cavities up to 600mm.*

SP FireStop EN has also been tested against curtain walling in a spandrel protection detail in accordance with BS EN 1364-4:2014, 'Fire resistance tests for non-loadbearing elements. Curtain walling. Part configuration.'

**Subject to application*

Use the links below to access further information on fire performance:

UL Classification Report: 4790634702-04

UL Classification report: 4790980458-01

Whilst there are 0mm minimum compression seals referenced within Classification Report: 4790634702-04, ROCKWOOL recommends that SP FireStop EN slabs are always fitted with a minimum of 5-10mm compression to allow for any building movement.

Acoustic performance

The non-directional fibre orientation and density of ROCKWOOL stone wool help absorb sound waves and dampen vibrations, contributing to a reduction in the transmission of external noise when used in external wall applications.

PRODUCT INFORMATION

Property	SP FireStop EN
Length	1000mm
Width	1200mm
Thickness	SP FireStop EN 60: 75mm SP FireStop EN 120: 90mm
Facing	Black aluminium foil
Fire resistance	Up to EI120*

**Subject to application*

STANDARDS AND APPROVALS

Certificates
SP FireStop EN has been tested in accordance with BS EN 1366-4:2021 and BS EN 1364-4:2014 classified to BS EN 13501-2.

SP FireStop EN

INSTALLATION

SP Firestop EN is a life-safety critical product and should be handled with care. A two-man lift should be used when removing slabs from a pallet or moving them around on-site. Do not bend, drag or otherwise mishandle slabs, as this may cause the foil bond to weaken.

During construction, SP FireStop EN should be kept dry and protected from the elements at all times.

Abutment joints between sections of SP FireStop EN must be sealed with Black ALU Foil Tape.

SP FireStop EN slabs should be cut on-site with an insulation knife, we do not recommend cutting with a toothed saw as this can damage and pull away the foil facing. The cavity to be fire-stopped should be measured and the slab cut to suit this dimension (allowing for 10mm compression), using one piece only per gap width – see Figure 1.

For compression fitting and to accommodate the fixing pattern, cutting should be along the 1000mm length as indicated in Figure 1. The SP Fixing Brackets are then re-profiled by hand and cut as necessary to allow at least 75% penetration of the fire-stop material – see Figures 2 to 5.

Figure 1 – Cutting method for SP FireStop EN

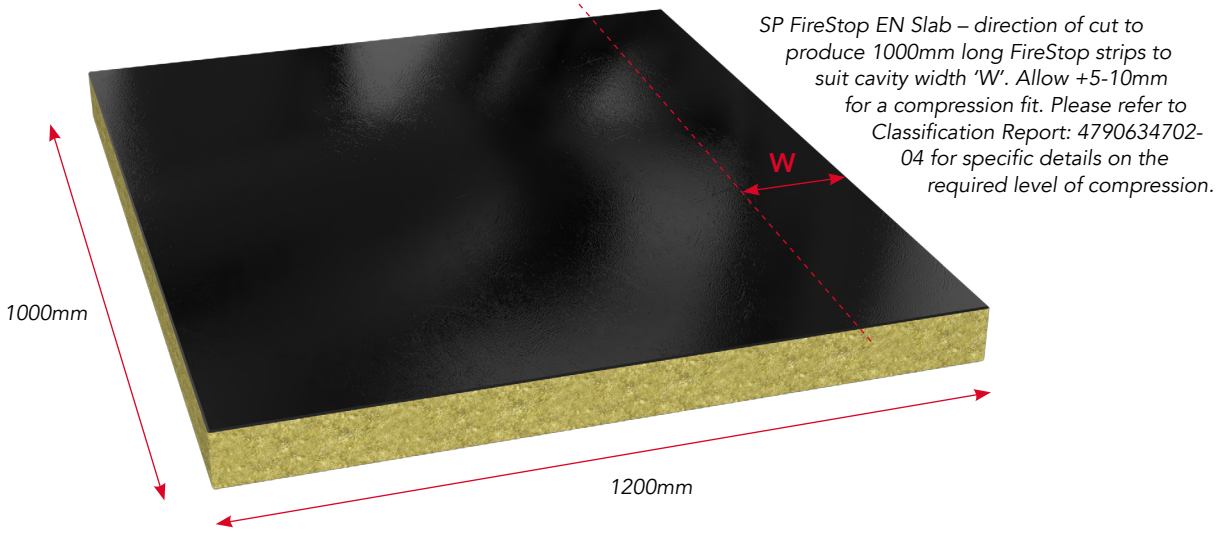


Figure 2 – SP Fixing Bracket

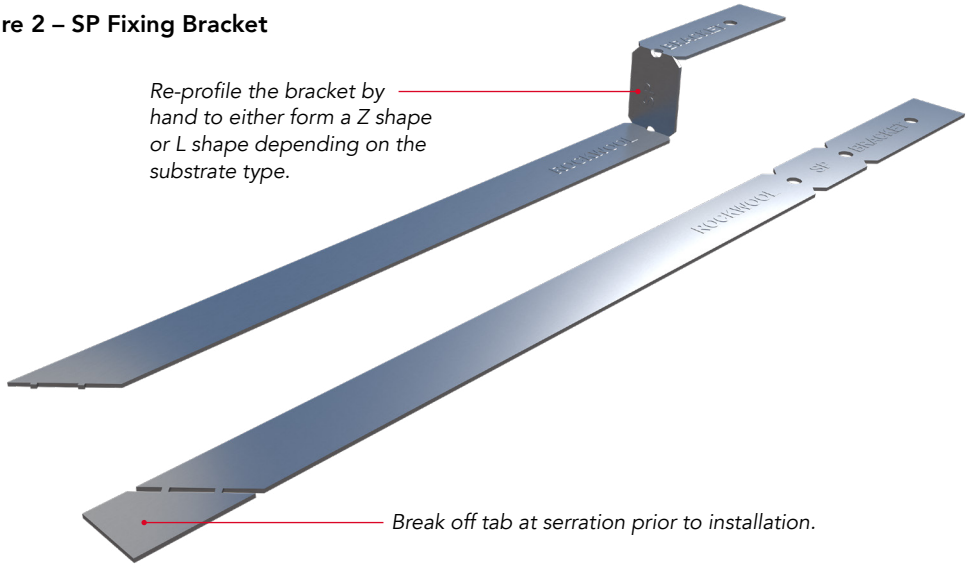


Figure 3 – SP FireStop EN fixed to concrete floor slab

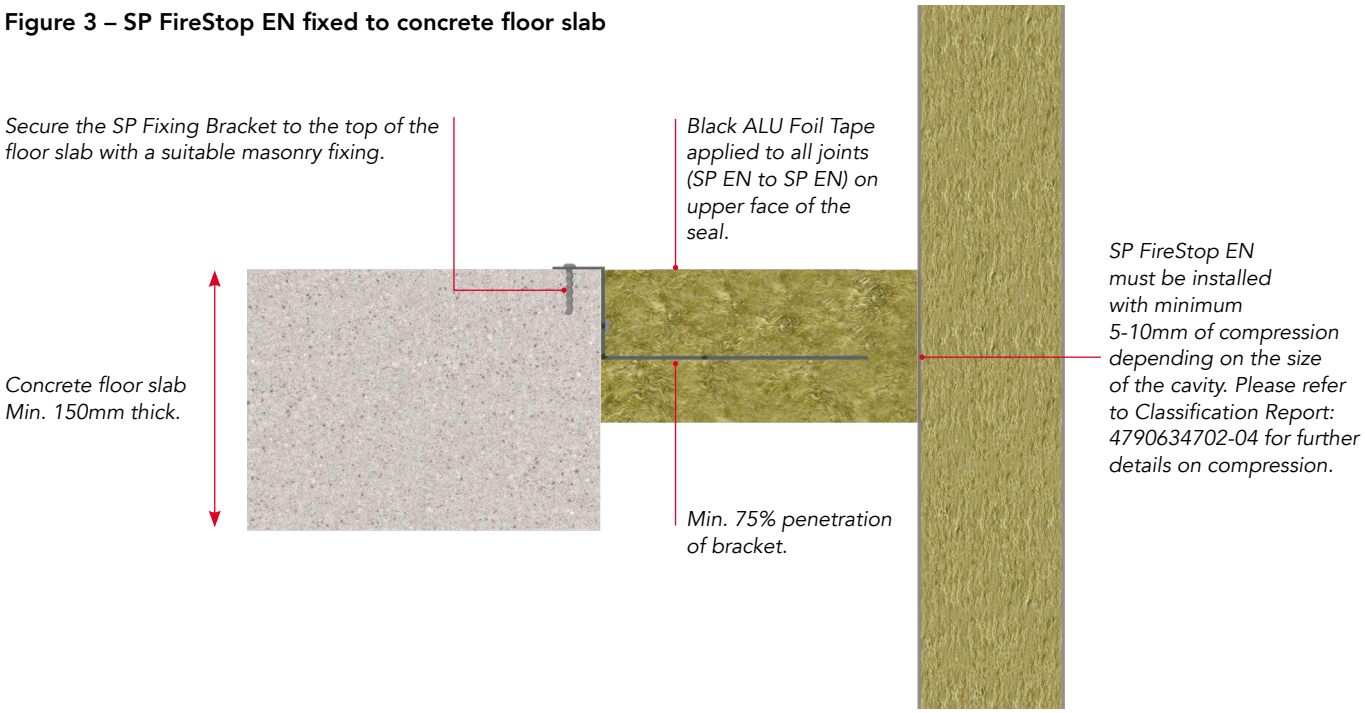
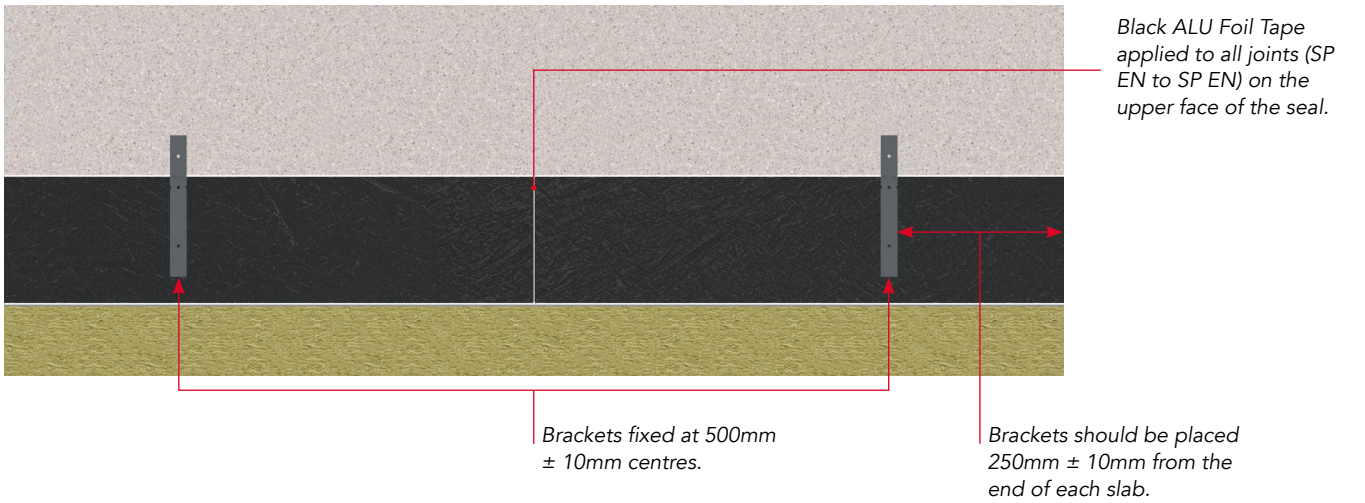


Figure 4 – Plan view



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SP FireStop EN

Fixing SP FireStop EN

1. Cut a strip of SP FireStop EN to suit the cavity size, allowing an additional 5-10mm to ensure a compressive fit (Figure 1).
2. Insert two appropriately re-profiled SP Fixing Brackets into the cut strip at 500mm centres / 250mm ±10mm from each end (Figure 2).
3. Fit the bracket-impaled strip into the cavity, ensuring a secure fit within the void and tight abutment between adjacent strips.
4. Secure the SP Fixing Brackets to the substrate using metal fixings appropriate to the substrate (Figures 3 to 6).
5. a) Horizontal orientation: Black ALU Foil Tape should be applied to all joints on the upper face of the SP FireStop EN strips (Figure 3).
   b) Vertical orientation: Black ALU Foil Tape should be applied to all joints on both sides of the SP FireStop EN strips.
6. If installing between masonry and sheathing board, measures should be considered to prevent moisture tracking across the cavity.

Figure 5 – SP FireStop EN horizontally fixed to SFS system

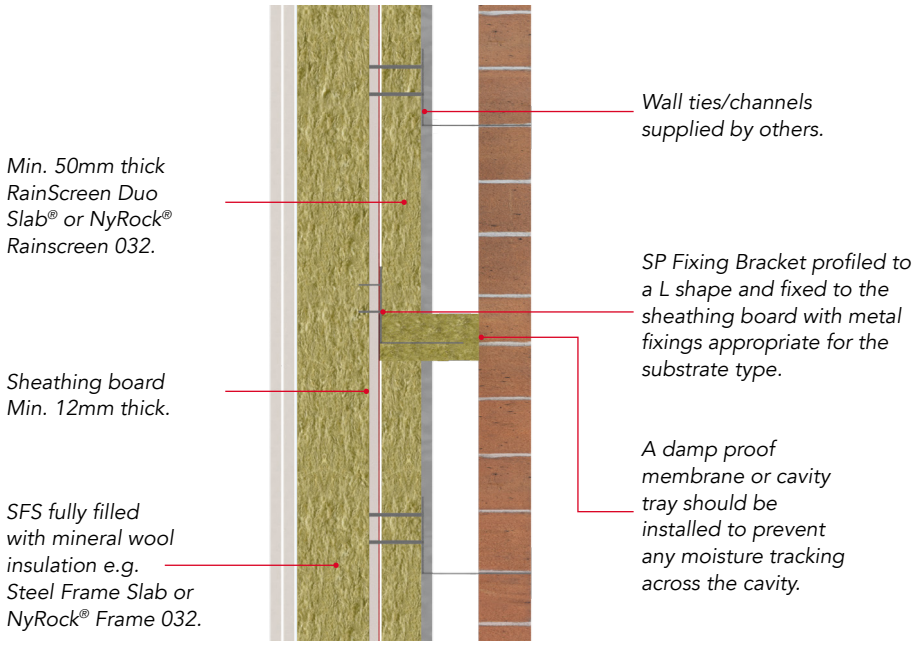
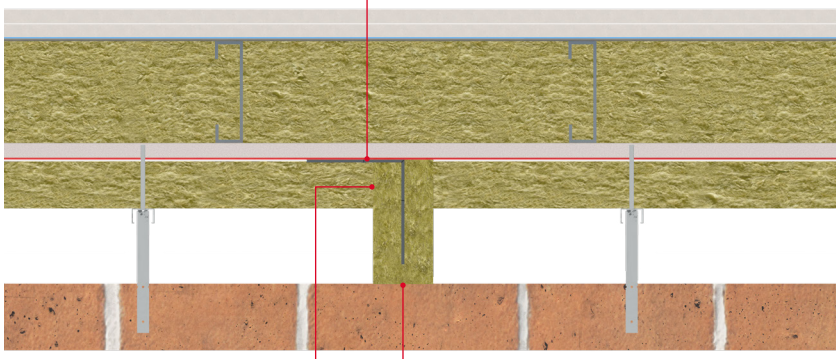


Figure 6 – SP FireStop EN vertically fixed to SFS system

SP Fixing Bracket profiled to a L shape. Fix the bracket horizontally to the sheathing board with metal fixings appropriate for the substrate (the bracket can be fixed at either the 3 o'clock or 9 o'clock position).

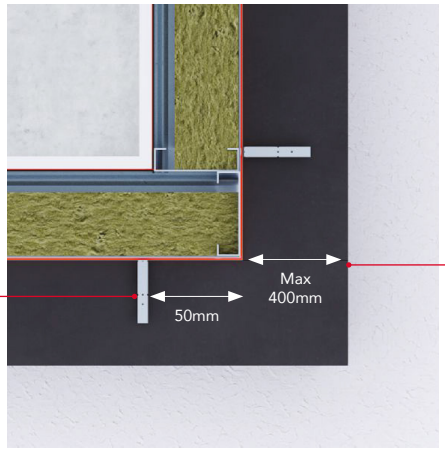


Black ALU Foil Tape applied to all joints (SP EN to SP EN) on both sides of the SP FireStop EN in the vertical orientation.

A damp proof membrane or cavity tray should be installed to prevent any moisture from tracking across the cavity.

Figure 7a – SP FireStop EN corner details

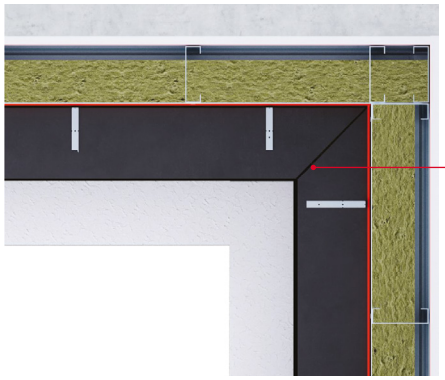
Brackets must be 50mm from the corner edge.



SP FireStop EN can extend from the corner edge by a maximum of 400mm, allowing for a compression fit to the external substrate. Please contact ROCKWOOL Technical Support for cavities greater than 400mm.

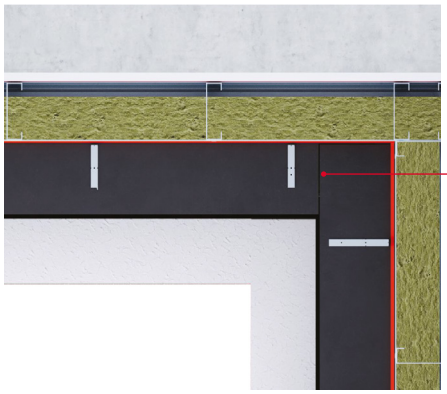
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Figure 7b



The internal corner can be formed with a mitre cut or overlapped as shown in Figure 7C .

Figure 7c



Overlapped internal corner joint.

While the external wall itself does not typically require a fire resistance performance, this is not the case for abutting compartment walls and floors. As such SP FireStop EN has been tested within representative wall and floor substrates to prove its fire resistance performance. It is important to note that the fire resistance performance of a fire-stop is only as good as the performance of the supporting substrates in to which it is installed. Where fire-stopping is installed up to a non-fire resisting external wall, then the performance of the fire-stop will be limited to the performance of the wall itself.

SP FireStop EN

HANDLING

SP FireStop EN slabs are supplied as slabs on pallets and protected with a polyethylene hood, which will provide short term protection. For long term storage they must be protected by a waterproof covering.

ANCILLIARIES

SP Fixing Brackets

Bracket type	Max. cavity size (mm)	Pieces / pack
SP/S	100	50
SP/L	400	50
SP/XL	600	50

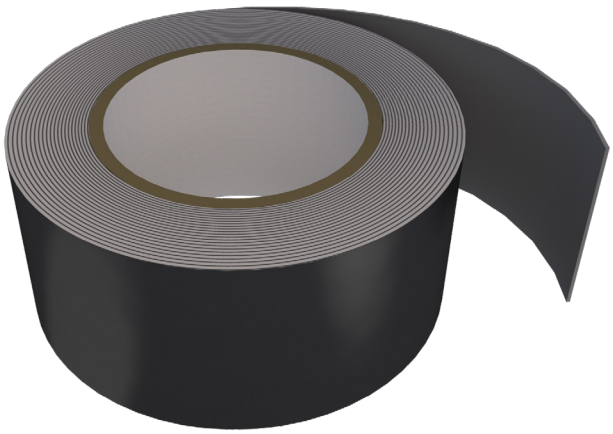
SP Fixing Brackets are supplied in three standard sizes; SP/S (small), SP/L (large) and SP/XL for cavity widths up to 600mm. The brackets are supplied in cardboard boxes of 50 pieces, flat packed and designed to be re-profiled by hand on site.

The SP Fixing Brackets should be cut on site as necessary to allow at least 75% penetration of the fire-stop.

In order to comply with fire test certification, only SP Fixing Brackets can be used to install the product.

Black ALU Foil Tape

Black ALU Foil Tape is available through ROCKWOOL stockists.



BUILDING SAFETY AND PRODUCT USE

LEGAL NOTICES

General safety requirements – Building Safety Act 2022

ROCKWOOL Limited is committed to supporting specifiers, resellers, and users of ROCKWOOL products for the full life cycle of the product to comply with the obligations and responsibilities set out in the Building Safety Act 2022. With regard to the general safety requirements of the Act, ROCKWOOL Limited cannot control or foresee every situation where its products might be used. We therefore strongly advise that specifiers, resellers, and users contact us where use of ROCKWOOL products is contemplated in applications different from those explicitly described in the latest, relevant ROCKWOOL product datasheets; especially in applications that can be reasonably foreseen as critical to safety.

ROCKWOOL Limited reserves the right to amend the specification of its products without notice. Changes to the ROCKWOOL manufacturing process, or to pertinent regulations, may be reflected in changes to tested and certified product performance. Whilst ROCKWOOL Limited endeavours to keep its publications up to date, readers will appreciate that between publications there may be pertinent changes in the law or other developments affecting the accuracy of the information contained in our publications.

ROCKWOOL Limited does not accept responsibility for the consequences of using (including testing or certifying) its products in applications different from those explicitly described in the relevant ROCKWOOL product datasheets. Expert advice should be sought, and ROCKWOOL Limited should be contacted, where such different use is contemplated, or where the extent of any use described by ROCKWOOL Limited is in doubt.

The ROCKWOOL Trademark

ROCKWOOL® – our trademark

The ROCKWOOL trademark was initially registered in Denmark as a logo mark back in 1936. In 1937, it was accompanied with a word mark registration; a registration which is now extended to more than 60 countries around the world.

The ROCKWOOL trademark is one of the most important assets of the ROCKWOOL Group, and is therefore well-protected and defended by ROCKWOOL throughout the world.

If you require permission to use the ROCKWOOL logo for your business, advertising or promotion, you must apply for a Trade Mark Usage Agreement.

To apply, write to:
marketcom@rockwool.com

Trademarks

Registered trademarks of the ROCKWOOL Group include but are not limited to:

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Health and safety

A Material Safety Data Sheet is available and can be downloaded from rockwool.com/uk to assist in the preparation of risk assessments, as required by the Control of Substances Hazardous to Health Regulations (COSHH).

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To apply, write to:
marketcom@rockwool.com

SP FireStop EN

Company:	ROCKWOOL Limited
Version:	Version 1.09 August 2026 *(to check this is the latest version, please refer to rockwool.com/uk)*
Revised on:	10.08.2026
Product name:	SP FireStop EN
Replaces version:	Version 1.08 July 2026
Changes made:	• Updated application information
Additional information:	

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Please contact the ROCKWOOL Technical Support Team if you would like to access archived versions of this document.

ROCKWOOL stone wool – safe to install and live alongside

There are no hazardous classifications associated with stone wool insulation manufactured by ROCKWOOL UK according to EU REACH and UK REACH regulations on health and the environment.

ROCKWOOL safe use instruction sheets and material safety data sheets (where applicable) can be downloaded here.

Sustainability

ROCKWOOL products are used to help enrich modern living, supporting more resilient and comfortable buildings.

We transform abundant, natural volcanic rock into stone wool insulation products that help our customers tackle energy consumption, noise pollution, fire resilience, and climate change challenges such as water scarcity and flooding.

Since our stone wool is endlessly recyclable with no loss in its performance properties, we can take back clean, uncontaminated new off-cuts, and unused ROCKWOOL stone wool insulation from construction sites in the UK. Our service, Rockcycle®, takes back our stone wool and recycles it back into production where it is used to make new ROCKWOOL products.

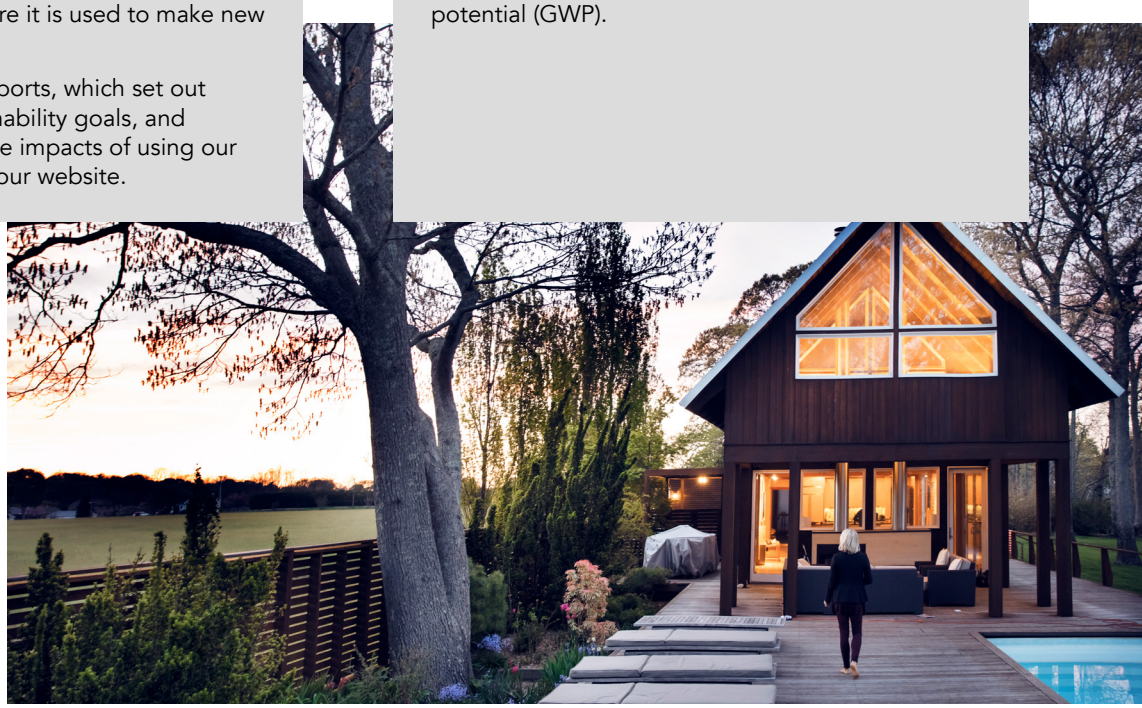
Our annual sustainability reports, which set out progress against our sustainability goals, and further details of the positive impacts of using our products, can be found on our website.

Environment

ROCKWOOL takes a fact-based, auditable approach to documenting our progress in maximising our products' positive impact and minimising the effect our operations have on the environment, backed by third-party references and methodologies. Further details can be found online in our annual sustainability report.

Our high-tech production process uses filters, pre-heaters, after-burners, and other cleaning and collection systems that help to reduce the effects of our manufacturing operations on the environment.

ROCKWOOL stone wool insulation does not contain (and has never contained) gases that have ozone depletion potential (ODP) or global warming potential (GWP).



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