

# SP FireStop EN

## Stone wool firestop for cavity wall constructions

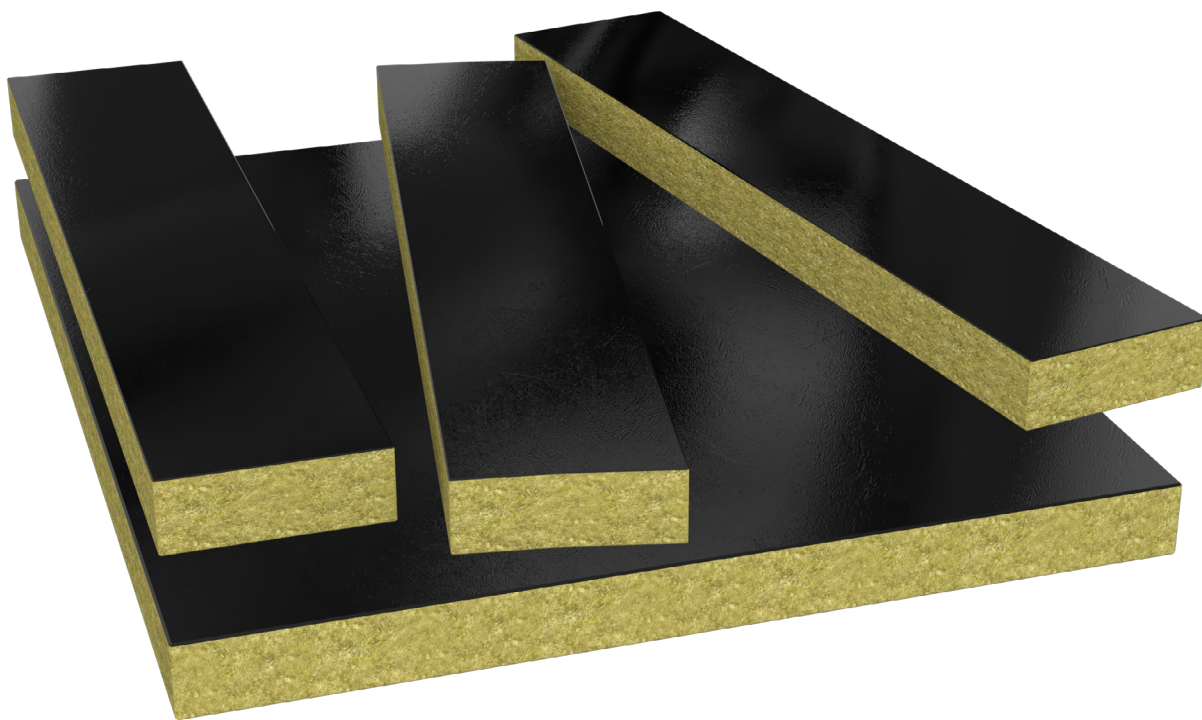
ROCKWOOL SP FireStop EN is designed and tested to resist the passage of fire, heat and smoke through cavity wall constructions.

- Easy-to-install dry-fit solution
- Suitable for use both horizontally and vertically
- 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



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

*\*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: 4790634702-01](#)

[UL Classification report: 4790980458-01](#)

### Acoustic performance

ROCKWOOL products have acoustic properties and can reduce the levels of airborne sound transmission through wall and floor cavities. For further information please contact ROCKWOOL Technical Support.

## PRODUCT INFORMATION

Property	SP FireStop EN Slab
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

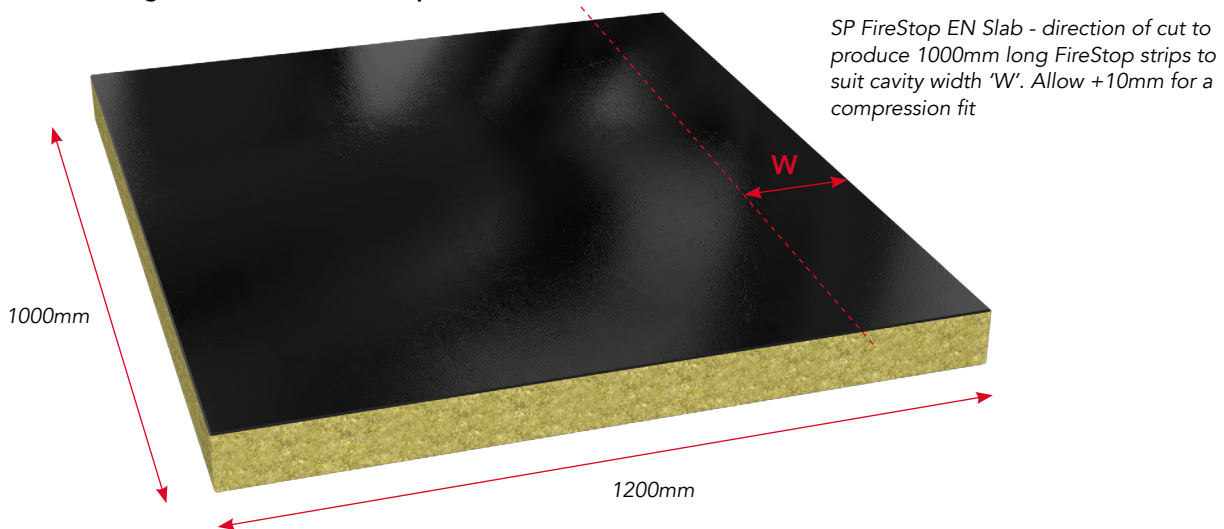
SP Firestop EN is a life-safety critical product and should be handled with care. A two-man lift should be used when removing slabs from a pallet or moving them around on-site. Do not bend, drag or otherwise mishandle slabs, as this may cause the foil bond to weaken.

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

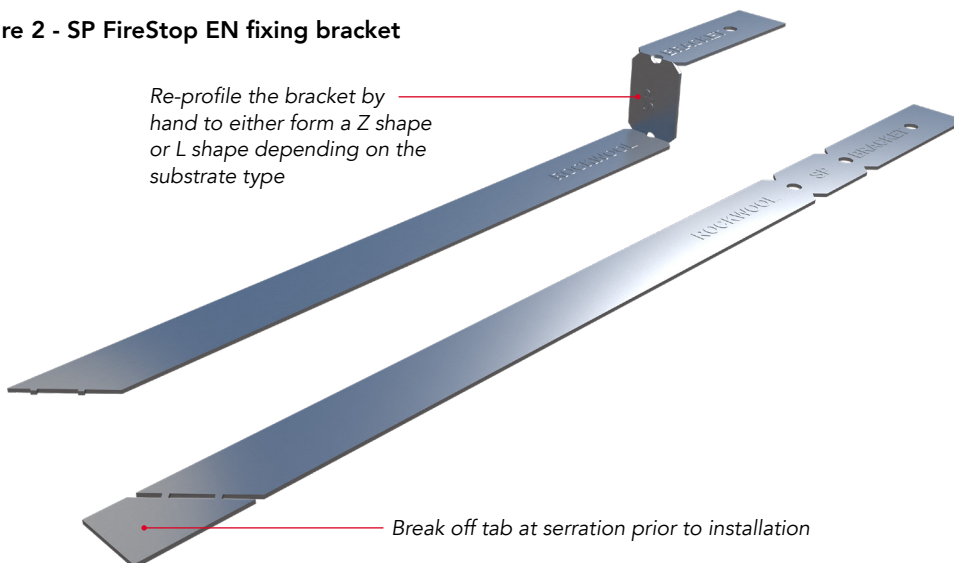
ROCKWOOL SP FireStop EN slabs should be cut on-site with an insulation knife, we do not recommend cutting with a toothed saw as this can damage and pull away the foil facing. The cavity to be fire stopped should be measured and the slab cut to suit this dimension (allowing for 10mm compression), using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

For easy 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 Slab**



**Figure 2 - SP FireStop EN fixing bracket**





# SP FireStop EN

Figure 3 - SP FireStop EN fixed to concrete floor slab

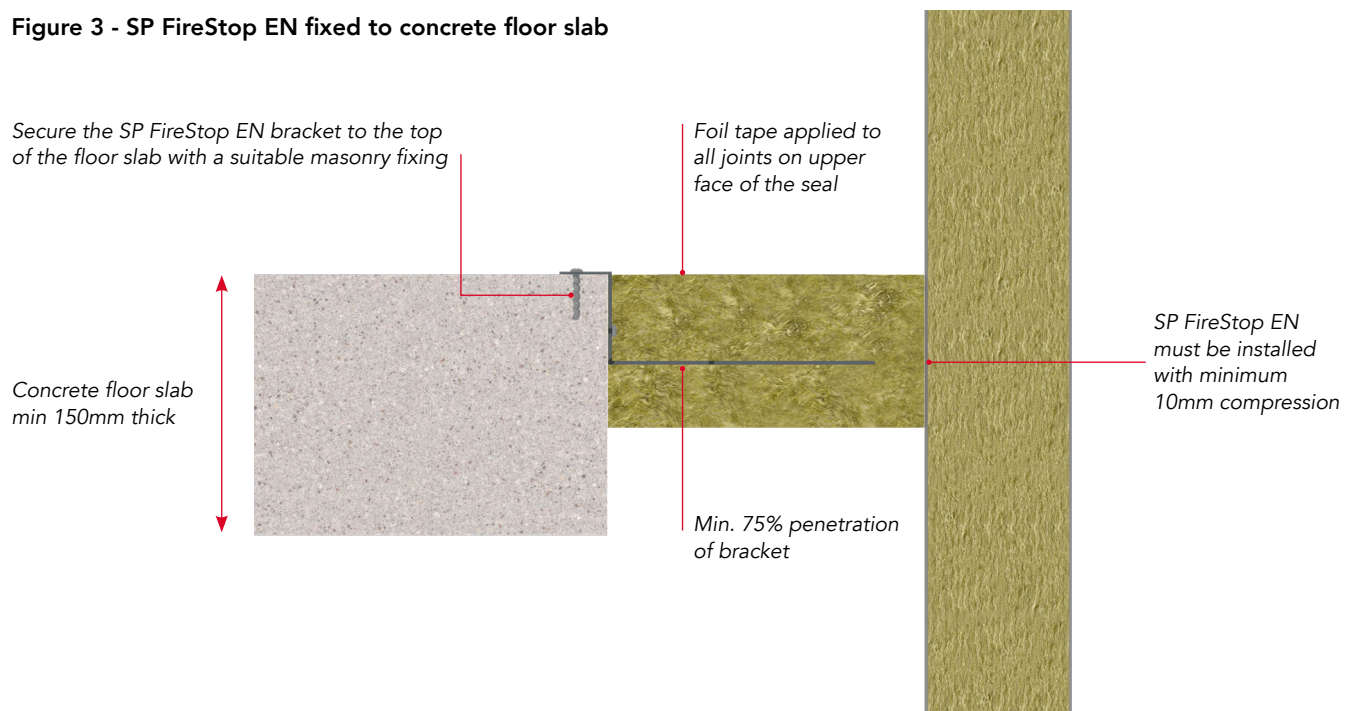
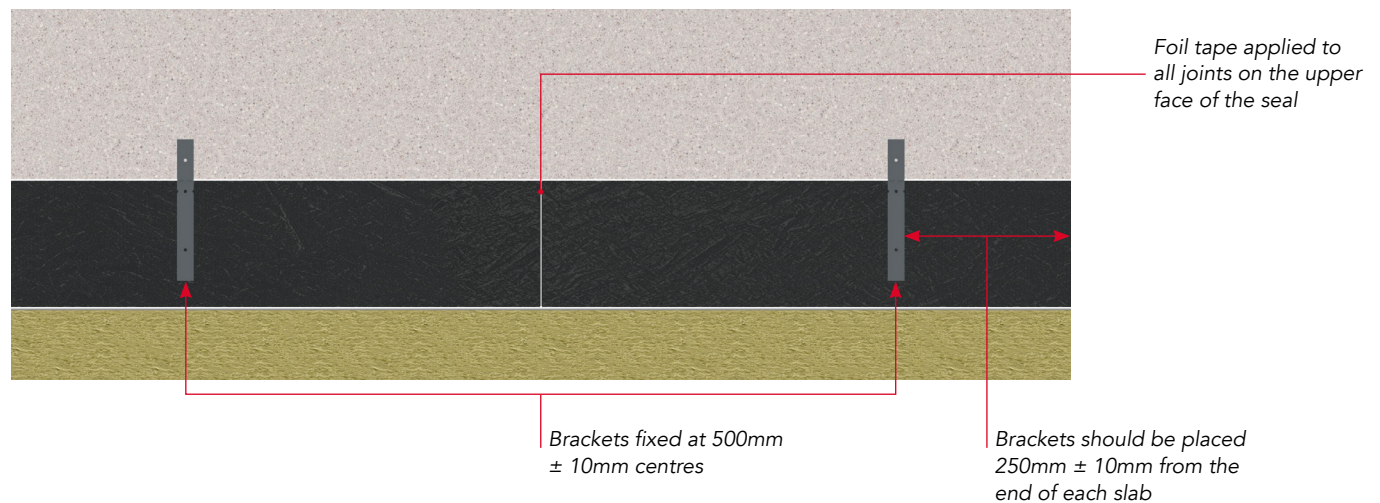


Figure 4 - Plan view

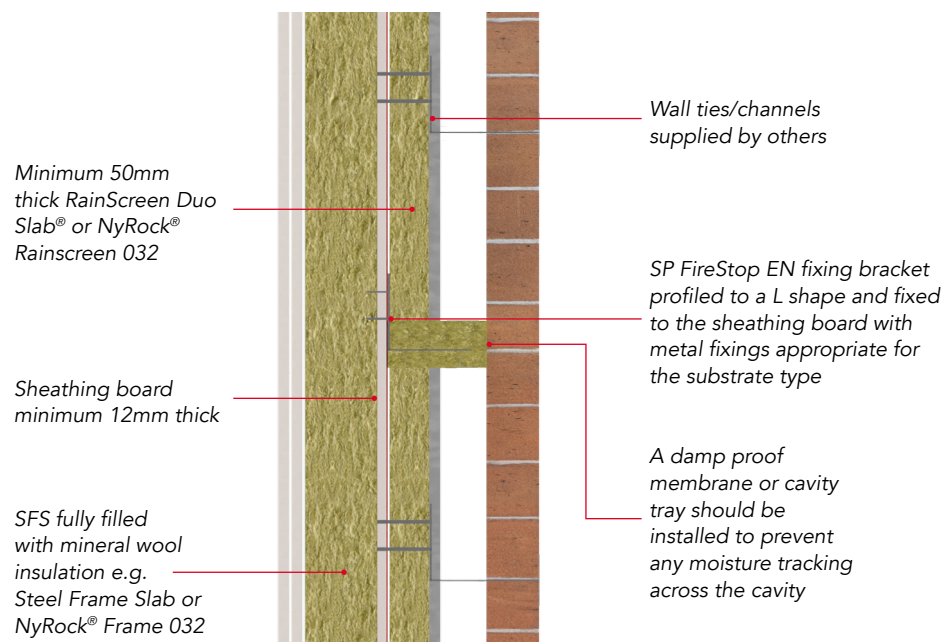


# SP FireStop EN

## Fixing SP FireStop EN

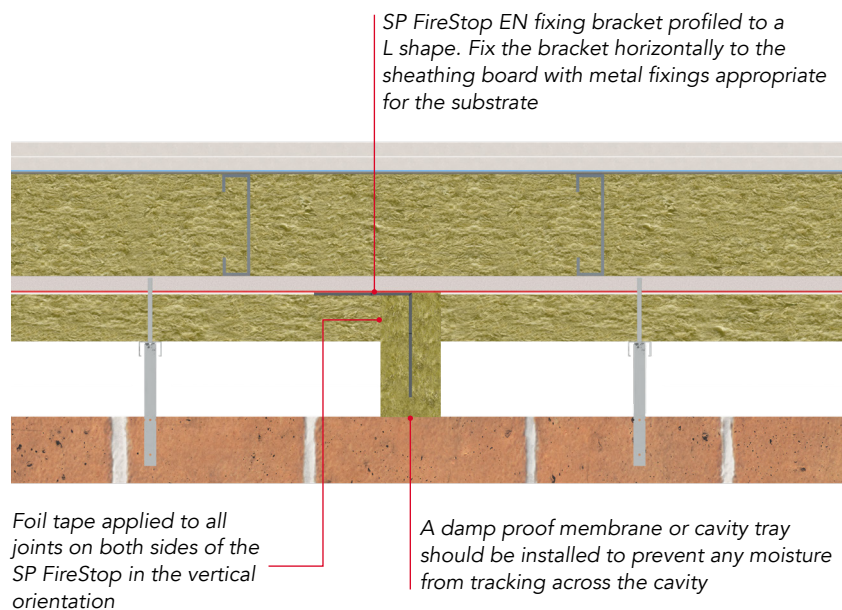
1. Cut a strip of SP FireStop EN Slab to suit the cavity size, allowing an additional 10mm to ensure a compressive fit (Figure 1).
2. Insert two appropriately re-profiled SP Fixing Brackets into the cut strip at 500mm centres / 250mm  $\pm$  10mm from each end (Figure 2).
3. Fit the bracket-impaled strip 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: Foil tape should be applied to all joints on the upper face of the SP FireStop EN strips (Figure 3).  
b) Vertical orientation: 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**



# SP FireStop EN

Figure 6 - SP FireStop EN vertically fixed to SFS system



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 their fire resistance performance. It is important to note that the fire resistance performance of a firestop 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 firestop will be limited to the performance of the wall itself.

# SP FireStop EN

## HANDLING

SP FireStop EN Slabs are light and easy to handle. They 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 FireStop Fixing Brackets

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

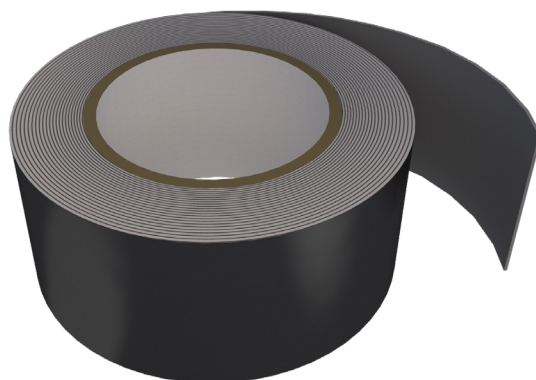
SP Fixing Brackets are supplied in three standard sizes; SP/S (small), SP/L (large) and SP/XL for cavity widths up to 600mm. The brackets are supplied in cardboard boxes of 50 pieces, flat packed and designed to be easily re-profiled by hand on site.

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

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

### Black ALU Foil Tape

FirePro® Black Foil Tape is available through ROCKWOOL stockists.



## SPECIFICATION CLAUSES

The SP FireStop System is associated with the following NBS specification clauses:

F30 Accessories/sundry items for brick/block stone walling	180 Cavity Closers
P10 Sundry insulation/proofing work	432 Cavity Barriers
P12 Firestopping systems	360 Mineral Wool Rigid Batts



### 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.

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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](mailto:marketcom@rockwool.com)

#### Trademarks

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

ROCKWOOL®, RockClose®, RainScreen Duo Slab®, HardRock®, RockFloor®, Flexi®, RockFall®, FirePro®, DuctRock®, BeamClad®, NyRock®

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To apply, write to:  
[marketcom@rockwool.com](mailto:marketcom@rockwool.com)

## 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](#).



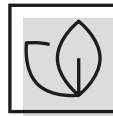
### Sustainability

ROCKWOOL products are used to enrich modern living, creating safer, healthier and more climate-resilient communities.

We transform abundant, natural volcanic rock into stone wool insulation products that are used to reduce energy demand, lower fuel bills and help address society's climate change challenges.

ROCKWOOL stone wool insulation is recyclable and can be transformed into new ROCKWOOL products. Please contact us for details of how we can work together to recycle waste ROCKWOOL stone wool material that may be generated during on-site installation.

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).

