

Soffit Slab

Thermal, fire, and acoustic insulation
for concrete soffits.

ROCKWOOL Soffit Slab is a non-combustible thermal insulation product suitable for concrete soffits, capable of providing up to four hours* fire protection.

The product is available with optional aluminium foil and tissue facings.

For applications requiring increased impact resistance, High Impact Soffit Slab features a bonded 6mm fibre cement board. This composite product is non-combustible and features a Euroclass A2-s1, d0 rating.

- Thermal performance.
- Acoustic insulation.
- Non-combustible soffit insulation.
- Classified for fire resistance in accordance with BS EN 13501-2: 2023.

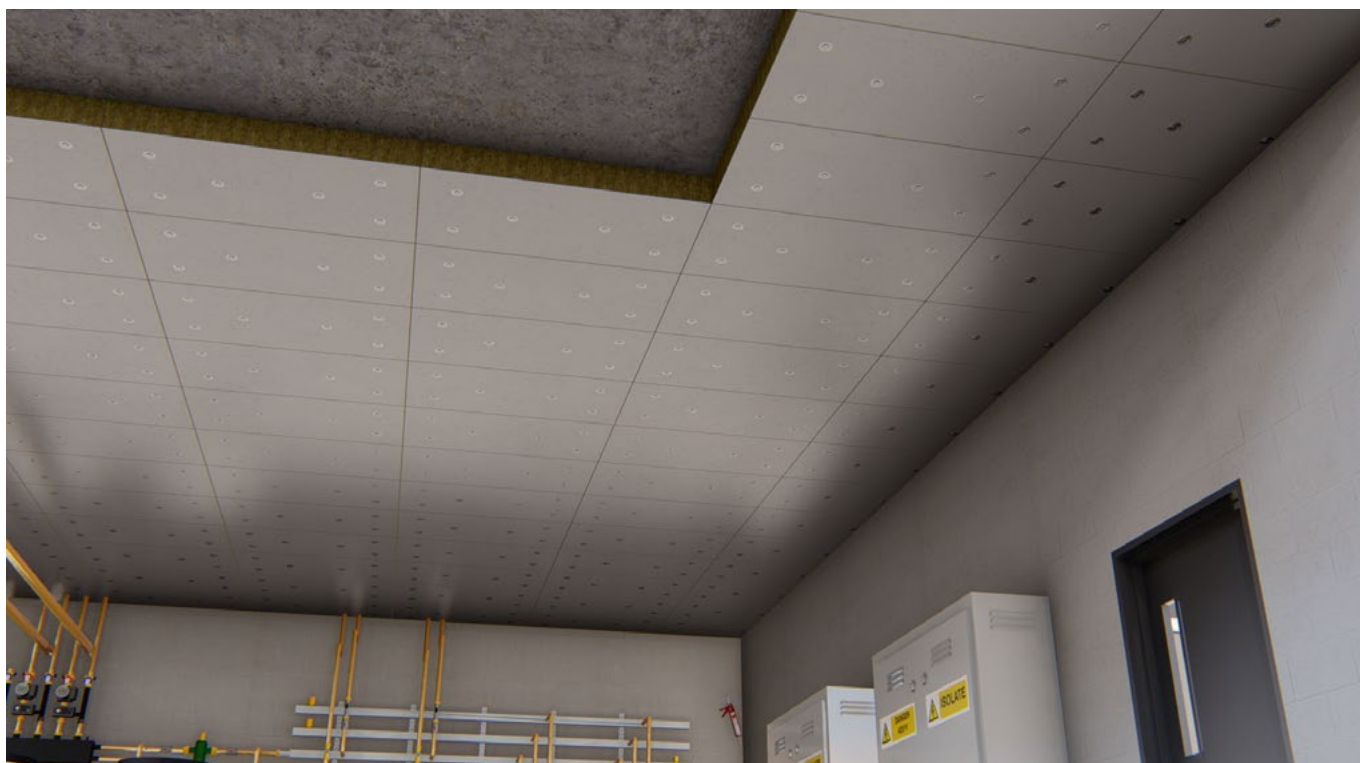
**Subject to the application.*



**Soffit Slab is a non-combustible
stone wool insulation product.**

It is suitable for providing fire
resistance and thermal insulation
through concrete car park soffits
and similar applications.

Soffit Slab



APPLICATIONS

Suitable for use with concrete soffits where a thermal, fire, or acoustic performance is required.

Soffit Slab

PERFORMANCE

Fire performance

130mm, 200mm Plain Soffit Slab and 166mm High Impact Soffit Slab have been tested in accordance with BS EN 13381-3: 2015 and have been classified R240 in accordance with BS EN 13501-2: 2023.

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

[WF Classification report: WF544753-A](#)

[WF Classification report: WF544753-B](#)

Thermal performance

Soffit Slab has a thermal conductivity (k value) of 0.034 W/mK.

Thermal resistance of un-faced Soffit Slab:

- 130mm Soffit Slab: 3.82 m²K/W
- 145mm Soffit Slab: 4.26 m²K/W
- 160mm Soffit Slab: 4.70 m²K/W
- 180mm Soffit Slab: 5.29 m²K/W
- 200mm Soffit Slab: 5.88 m²K/W
- 220mm Soffit Slab: 6.47 m²K/W

When specifying insulation for a soffit/ceiling where the space above is unheated, it is important to include a vapour control layer to the warm side of the insulation.

PRODUCT INFORMATION

| Property | Description |
|----------------------|--|
| Length | 1000mm (High Impact – 1200mm) |
| Width | 600mm |
| Standard thickness | Soffit Slab – 50mm, 130mm, 145mm, 160mm, 180mm, 200mm, 220mm High Impact Soffit Slab – 136mm, 166mm |
| Thermal conductivity | 0.034 W/mK |
| Reaction to fire | Euroclass A1 (High Impact – A2-s1, d0) |
| Fire resistance | Up to 4 hours |

STANDARDS AND APPROVALS

| Certificate |
|--|
| Soffit Slab has been classified A1 in accordance with BS EN 13501-1: 2021. |
| High Impact Soffit Slab has been classified A2-s1, d0 in accordance with BS EN 13501-1:2021. |
| Soffit Slab and High Impact Soffit Slab have been tested for fire resistance in accordance with BS EN 13381-3: 2015 and classified for fire resistance in accordance with BS EN 13501-2: 2023. |
| Soffit Slab is CE marked in accordance with BS EN 13162:2012+A1:2015. |

Soffit Slab

INSTALLATION

When fixing a tile or modular system, it is advisable to start with a focus reference slab in the centre of the soffit with subsequent slabs being fixed working towards each edge. The use of string lines or laser alignment equipment will assist in ensuring alignment and squareness of the installation.

Mechanical fixings

Soffit Slabs should be fixed direct to the concrete soffit using EJOT DDS fixings with the EJOT DDT70 washer or similar. Recommended number and pattern of fixings for each slab size are shown in Figures 1 and 2 below. Care should be taken not to over-tighten fixings to prevent damage to slab surface. Suitable fixings are available from many other suppliers, including Fischer, Hilti, Rawlplug and SPIT. For further information on fixing type and suitability, please refer to the fixing manufacturer.

| Fixing size guide | High Impact Soffit Slab | | Plain, foil and tissue faced Soffit Slab | | |
|-------------------|-------------------------|-----------------|--|-----------------|-----------------|
| Thickness | 136mm | 166mm | 130mm | 145mm | 160mm |
| EJOT fixing | DDS 7.3 x 175mm | DDS 7.3 x 200mm | DDS 7.3 x 175mm | DDS 7.3 x 175mm | DDS 7.3 x 200mm |
| EJOT washer | DDT 70mm | | | | |

The fixing patterns (shown below) reflect the methods used within fire resistance testing in accordance with BS EN 13381-3: 2015.

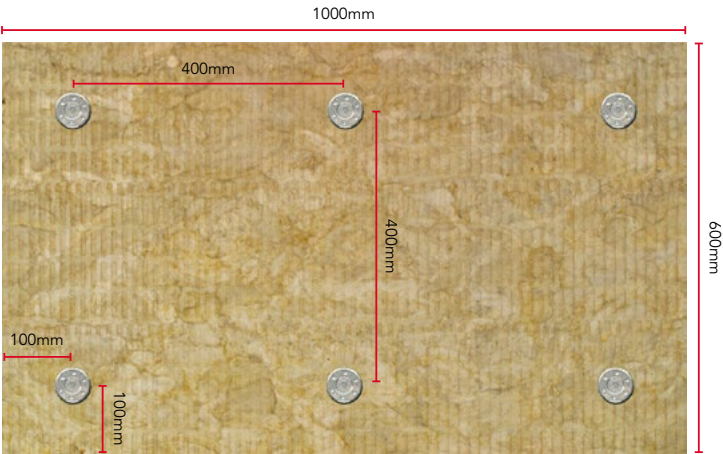


Figure 1
600mm x 1000mm. Please contact the fixing manufacturer for further guidance on suitable insulation fixings for thicknesses above 160mm.

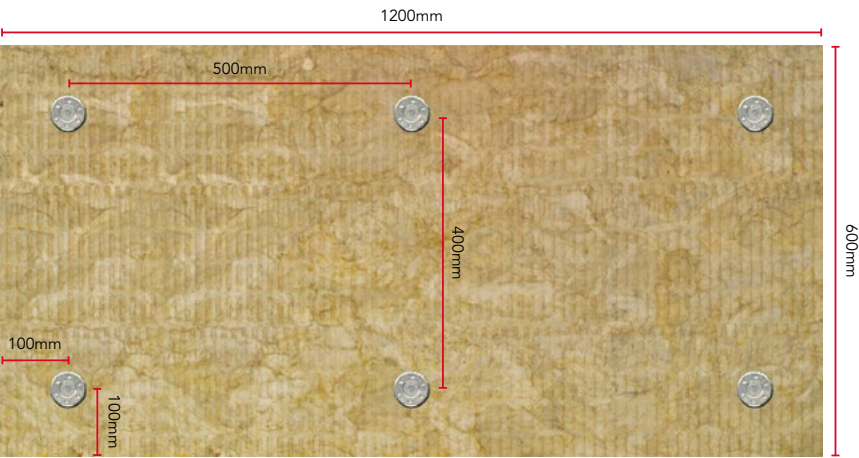


Figure 2
600mm x 1200mm

Soffit Slab

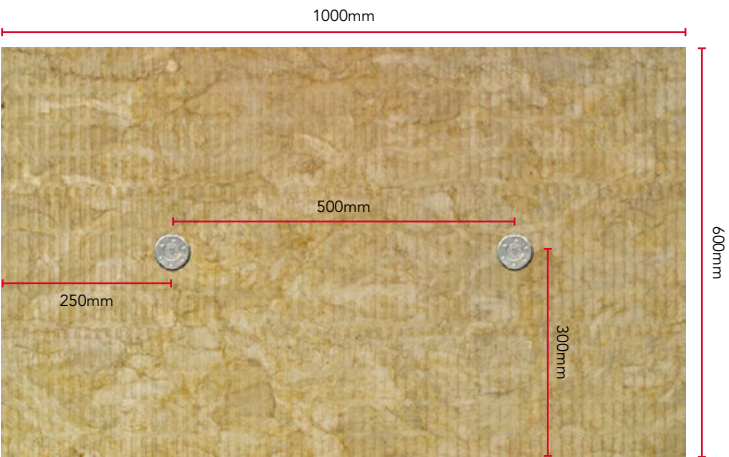


Figure 3
Inner layer fixing pattern when installing a double layered system.

Light fittings and services

Soffit insulation products should not be used for supporting light fittings or services. Such installations should be supported from the concrete soffit.

SPECIFICATION CLAUSES

The insulation/fire protection of the concrete soffit is to be Soffit Slab alu-faced / High Impact / white tissue / black tissue / un-faced¹mm thick², as manufactured by ROCKWOOL Limited, Pencoed, Bridgend CF35 6NY and installed in accordance with the manufacturer’s recommendations.

¹Delete as necessary. ²Insert required thickness.

Soffit Slab is associated with the following NBS specification clauses:

| |
|--|
| K11 Rigid sheet flooring / sheathing / decking / sarking / linings / casings |
| 885 Fire protection board |
| 890 Board |

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:

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

© ROCKWOOL 2025.
All rights reserved.

Photography and illustrations

The product illustrations are the property of ROCKWOOL Limited and have been created for indicative purposes only.

Unless indicated below, the photography and illustrations used in this guide are the property of ROCKWOOL Limited. We reserve all rights to the usage of these images.

If you require permission to use ROCKWOOL images, you must apply for a Usage Agreement.

To apply, write to:
marketcom@rockwool.com

HEALTH & 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).

Soffit Slab

| | |
|-------------------------|---|
| Company: | ROCKWOOL Limited |
| Version: | Version 2.03 November 2025 (to check this is the latest version, please refer to rockwool.com/uk) |
| Revised on: | 17.11.2025 |
| Product name: | Soffit Slab |
| Replaces version: | Version 2.02 October 2025 |
| Changes made: | <ul style="list-style-type: none">• Updated fixing patterns• Updated thermal performance information |
| Additional Information: | |

Please ensure you are using the latest version of this document by verifying it on our official website. Do not rely on printed or previously downloaded copies, as these may be out of date.

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](#).



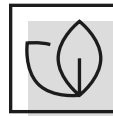
Sustainability

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).

