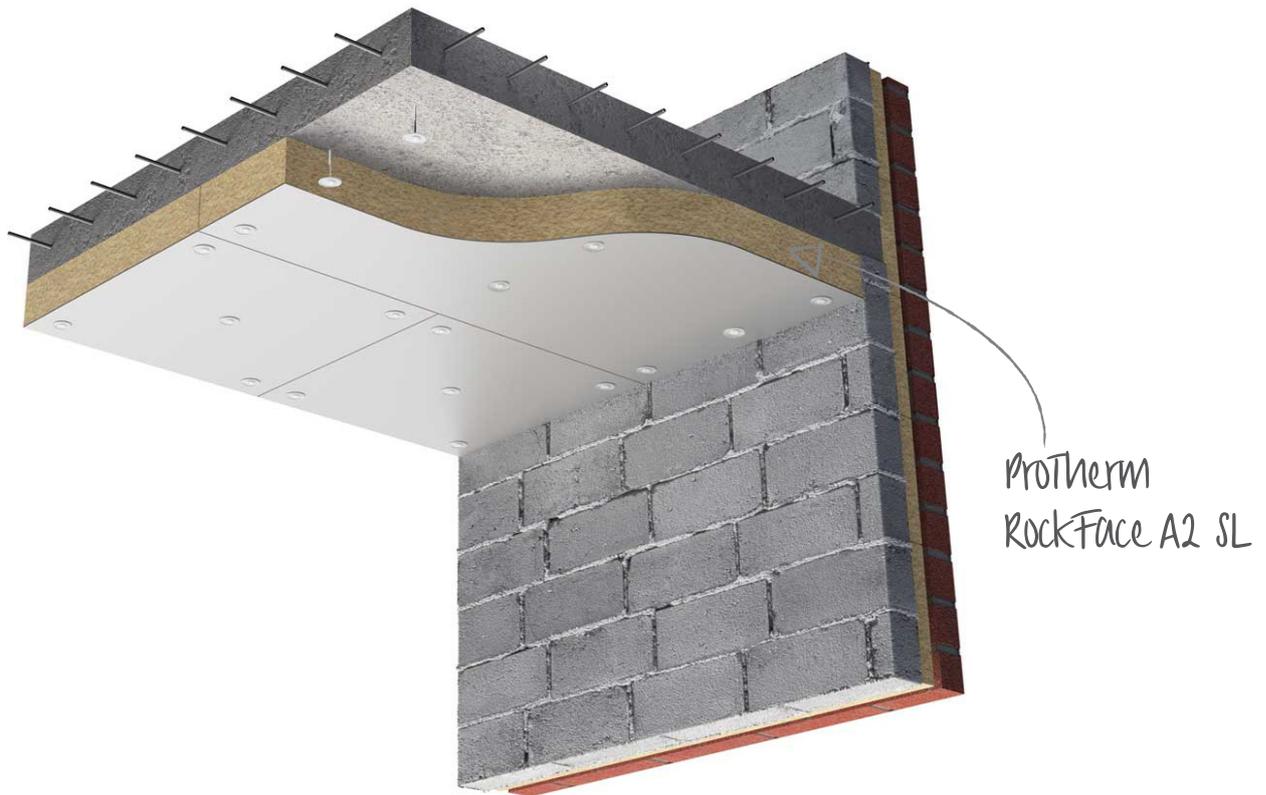


# ProTherm RockFace A2 SL

Non-Combustible Soffit Insulation Board

## Product Data Sheet



# ProTherm RockFace A2 SL

## Non-Combustible Soffit Insulation Board

### General Information

**ProTherm RockFace A2 SL** is a Non-Combustible Soffit Insulation Board designed to insulate semi exposed concrete soffits. Manufactured with non-combustible Stonewool factory laminated to a 6mm thick weather resistant high impact calcium silicate fibre cement facing board, ProTherm RockFace A2 will not develop smoke or promote flame spread, even when directly exposed to fire. It also repels and drains away water completely drying out while maintaining its original physical properties. The calcium silicate fibre cement facing board is BBA certificated (BBA certificate No. 21/5983) and independently tested and classified as Category A for external use in accordance with EN 12467:2012. Available in a range of thicknesses, see declared performance table for available thickness.

Available in a range of thicknesses, see declared performance table for available thickness. RockFace A2 SL has a Zero Ozone Depletion Potential (ODP), a Global Warming Potential (GWP). Certificates ISO 9001@2008 Quality Management System, ISO 14001 :2004 Environmental Management System, EPD as per ISO 14025 and EN 15804.

For a comprehensive NBS J31 specification contact Radmat Building Products.

### Suitable use

RockFace A2 SL can be mechanically fastened to:

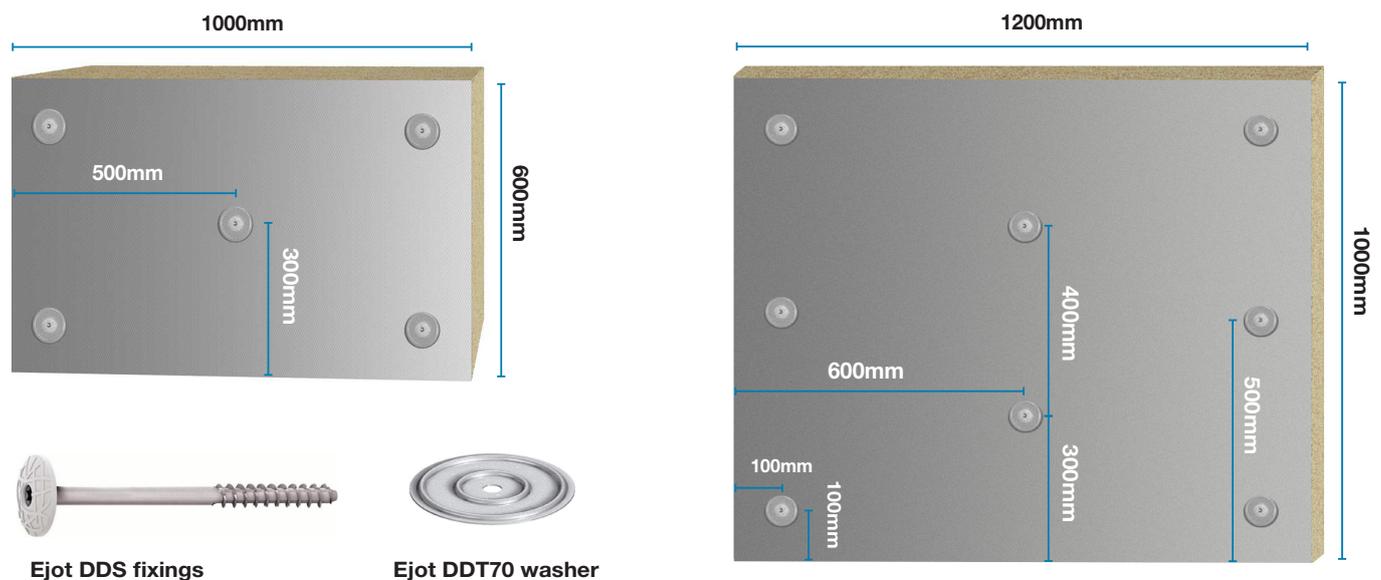
- the underside of a profiled steel, flat steel or concrete soffit on buildings over 18m providing the structure meets the performance requirements of BS9991:2015, Approved Documents B and BS 8759:2020.

### Installation Instructions

**RockFace A2 SL** boards should be fixed using Ejot DDS fixings with the Ejot DDT70 washer or similar, direct to the concrete soffit, refer to the diagram below for the recommend number and positioning for each board size. Fasteners and washers should be installed so as to prevent RockFace A2 SL panels becoming dislodged by wind or maintenance work.

When fixing directly to a steel or concrete soffit RockFace A2 SL boards fasteners should be positioned a minimum of 100mm in from the edges of the board, at 400mm centres across the width and at 600mm centres along the length (achieving 8 fasteners per board). The minimum penetration of the fasteners into the substrate must comply with the fastener manufacturer recommendations. A space of 0.5 to 2mm should be left between each board to allow for thermal expansion.

At perimeters the RockFace A2 SL must either abut a vertical surface (a space of 0.5 to 2mm should be left between each board to allow for thermal expansion) or be closed off with a suitable cover flashing.



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### Please Note

- Due to RockFace A2 SL being manufactured from organic products natural colour variances will occur between batches.
- RockFace A2 SL is supplied as a performance product rather than decorative one.
- RockFace A2 SL can be over-coated to provide a decorative or consistent finish.

### Delivery conditions

#### Delivery form

RockFace A2 SL is delivered on pallets with limited weather protection. Pallets should always be stored on flat ground and if materials are likely to remain exposed for long periods, then additional protection of the pallet will be required. Boards that have been allowed to get wet should not be used. When boards are removed from the pallet, they should be stored flat and in a dry area. RockFace A2 SL can be cut using normal site cutting tools including circular saws and fine toothed saws.

**Product identification** Information on the pack; Product name. Dimensions. Approvals. Production date.

# ProTherm RockFace A2 SL

## Non-Combustible Soffit Insulation Board

### PRODUCT DESCRIPTION

Appearance top side	Grey Skin
Core	Stonewool Insulation

### DECLARED PERFORMANCE

Essential characteristics	Performance	Unit	EN Code	Standard
<b>Fire Performance</b> RockFace A2 (product rating)	A2-s1,d0	-	-	BS EN 13501-1
<b>Ozone Depletion Potential</b>	Zero	-	-	-
<b>Global Warming Potential</b>	< 5	-	-	-
<b>BRE Green Guide Rating</b>	A	-	-	-
<b>Board size</b> - Length	1200*	mm	-	BS EN 822
- Width	1000*	mm	-	
- Thickness (overall)	20mm + (increments of 10mm)**	mm	-	
<b>Tolerances</b>	±2	-	-	-
<b>Profile</b>	Square	-	-	-
<b>Weight (board / m<sup>2</sup>)</b>				
	<b>RF26</b>	11.4	kg	-
	<b>RF56</b>	18	kg	-
	<b>RF116</b>	26.5	kg	-
	<b>RF136</b>	29.5	kg	-

#### FACING: high performance, heavy duty, exterior grade fibre-cement sheet

<b>Colour</b>	Grey	-	-	-
<b>Thickness</b> - nominal (facing only)	6	mm	-	-
<b>Density</b>	1320	kg/m <sup>3</sup>	-	-
<b>Thermal Conductivity</b>	0.30	W/mK	-	-
<b>Flexural Strength</b> (average Parallel and Transverse)	18	MPa	-	-
<b>Fire Performance</b> (component ratings)	A1	-	-	BS EN 13501-1

#### INSULATION: Stonewool

<b>Colour</b>	Pale Green	-	-	-
<b>Thickness</b> (allow 6mm for the facing board)	26mm + (increments of 10mm)**	mm	-	-
<b>Tolerance</b> - Thickness	2	mm	-	BS EN 823
- Width	±5	mm	-	BS EN 822
- Length	±10	mm	-	BS EN 822
<b>Compressive strength</b>	30 @ 10% Compression	kPa	-	BS EN 826
<b>Thermal conductivity</b>	0.038	W/mK	λ <sub>D</sub>	BS EN 13162
<b>Nominal Density</b> (Stonewool only)	110	kg/m <sup>3</sup>	-	BS EN 1602
<b>Water Absorption by Immersion</b>	< 2	%	-	BS2972
<b>Fire Performance</b> (component ratings)	A1	-	-	BS EN 13501-1
<b>Delamination Strength</b>	13	kPa	-	-

#### Fire Performance

Classified Euroclass A2-s1,d0 to BS EN13501-1:2108 by WarringtonFire under classification report no. 19808F dated 10 10 2019.

- A2 = limited combustibility
- s1 (smoke) quantity/speed of emission = absent or weak
- d0 = no dripping

\*smaller boards 1000mm x 600mm are available for thicknesses above 100mm

\*\*other thickness's are available from 20mm (Insulation) in increments of 10mm to suit your U-value requirements.

This information given in good faith and is based on the latest knowledge available to Radmat Building products Ltd. Whilst every effort has been made to ensure that the contents of the publication are current while going to press, customers are advised that products, techniques and codes of practice are under constant review and liable to change without notice.

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