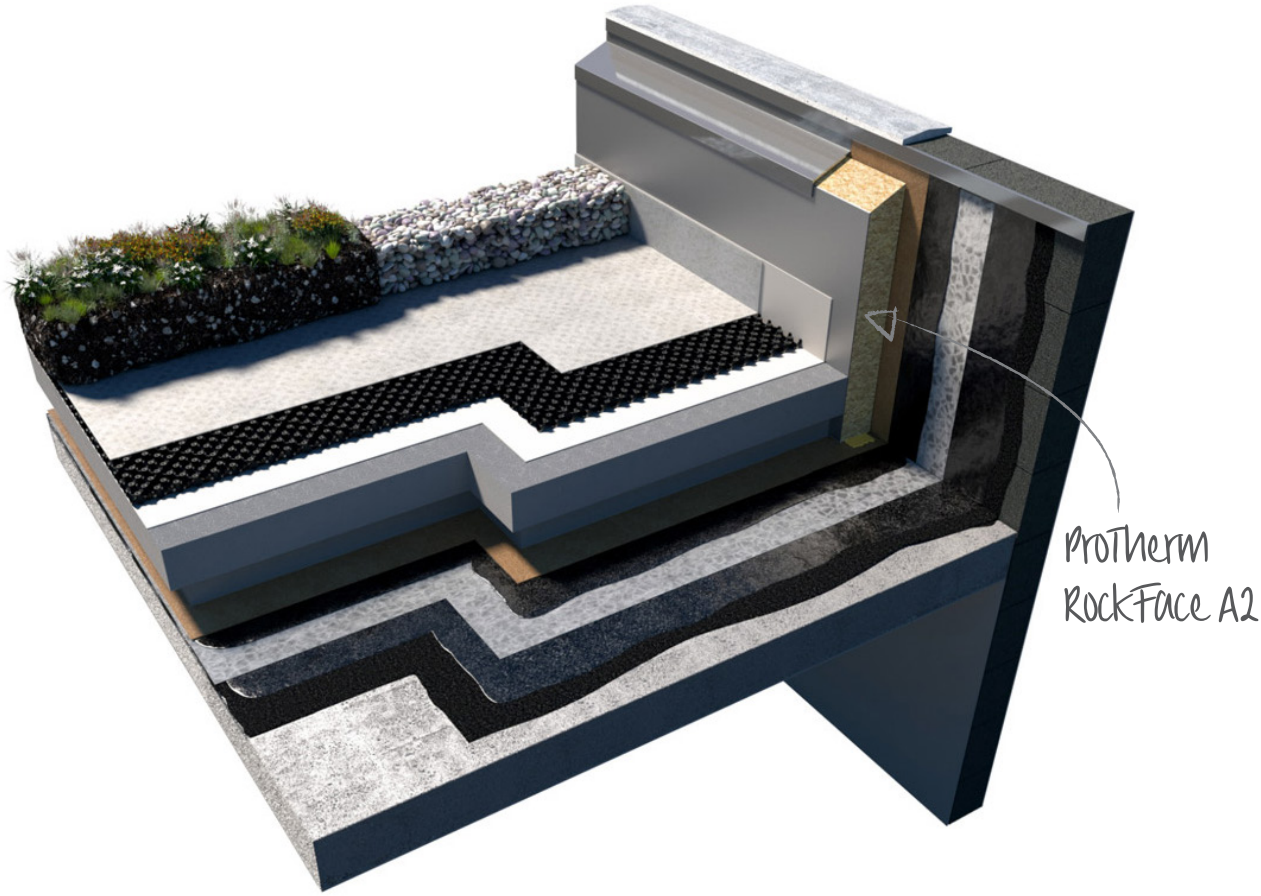
Radmat building products

Specialists in Roofing and Waterproofing

ProTherm RockFace A2

Non-combustible Upstand Insulation Board

Product Data Sheet



Non-combustible Upstand Insulation Board used to thermally insulate and protect upstand walls including relevant buildings.

Author: LA	Reviewer: CR	Approver: NT	Previous Revision: 15/05/2024 v0	Latest Revision: 05/02/2026 v0

A2 FIRE TESTED

ProTherm RockFace A2
Non-combustible Upstand Insulation Board

General Information

ProTherm RockFace A2 is a non-combustible insulation board used to thermally insulate and protect upstands and external walls in inverted flat roofs, warm roofs and balconies.

Manufactured from class A1 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. ProTherm RockFace A2 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.

ProTherm RockFace A2 is not intended to provide a final architectural/aesthetic finish as the cementitious facing may vary in colour from batch to batch. To achieve a consistent aesthetic finish the facing board can be primed and decorated with an appropriate masonry paint or render finish.

ProTherm RockFace A2 has a Zero Ozone Depletion Potential (ODP), a Global Warming Potential (GWP).

Building Regulations Compliance

Building Regulation Approved Document B volume 1 – dwellings and volume 2 - non-dwellings **compliant solution for buildings over 18m high in England, Wales and Northern Ireland.**

Building Regulation Approved Document B volume 1 – dwellings and volume 2 - non-dwellings **compliant solution for buildings 11m to 18m high in England, Wales and Northern Ireland.**

Technical Handbook – domestic Annex 2.C and Technical Handbook – non-domestic Annex 2.F **compliant solution for buildings over 11m high in Scotland.**

Application on Relevant Buildings

CRITERIA	ProTherm RockFace A2
At a maximum height of 150mm above the roof finish/walking surface.	✔
More than 150mm above the roof finish/walking surface	✔
Up to 60mm thick (insulation element only).	✔
Over 60mm thick	✔
Spanning a compartment wall line	✔
Adjacent to habitable space	✔

Testing

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

Certificates

ISO 9001@2008 Quality Management System, ISO 14001 :2004 Environmental Management System.

ProTherm RockFace A2
Non-combustible Upstand Insulation Board

PRODUCT DESCRIPTION	
Appearance top side	Grey Face
Core	Stonewool Insulation

DECLARED PERFORMANCE				
Essential characteristics	**Performance**	**Unit**	**EN Code**	**Standard**
Fire Performance RockFace A2 (product rating)	Non-combustible A2-s1,d0	-	-	BS EN 13501-1
Ozone Depletion Potential	Zero	-	-	-
Global Warming Potential	< 5	-	-	-
Board size - Length - Width - Thickness (inc. facing)	1000 1200 26, 36, 46, 56, 66, 76, 86, 96, 106,116, 126, 136, 146, 156, 166, 176, 186, 196, 206, 216, 226, 236, 246, 256*	mm mm mm	- -	BS EN 822 BS EN 822
Tolerances	±2	-	-	-
Edges	Square	-	-	-
Weight (board / m²) **A2 56** **A2 106** **A2 136**	16.10 22.70 26.66	kg kg kg	- -	- -
FACING: weather resistant high impact calcium silicate fibre cement facing				
Colour	Grey	-	-	-
Thickness - nominal (facing only)	6	mm	-	-
Density	1320	kg/m³	-	-
Thermal Conductivity	0.30	W/mK	-	-
Flexural Strength (average Parallel and Transverse)	18	MPa	-	-
Fire Performance (component ratings)	A1	-	-	BS EN 13501-1
INSULATION: Stonewool				
Colour	Light Olive Green	-	-	-
Depth (allow 6mm for the facing board)	20, 30, 40, 50, 60, 70, 80, 90, 100, 110, 120, 130, 136, 140, 150, 160, 170, 180, 190, 200, 210, 220, 230, 240, 250	mm	-	-
Tolerance - Depth - Width - Length	2 ±5 ±10	mm mm mm	- - -	BS EN 823 BS EN 822 BS EN 822
Compressive strength	30 @ 10% Compression	kPa	-	BS EN 826
Thermal conductivity	0.038	W/mK	λ_D	BS EN 13162
Nominal Density (Stonewool only)	110	kg/m³	-	BS EN 1602
Water Absorption by Immersion	< 2	%	-	BS2972
Fire Performance (component ratings)	A1	-	-	BS EN 13501-1
Delamination Strength	13	kPa	-	-

Fire Performance
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*other sizes are available, contact Radmat

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ProTherm RockFace A2
Non-combustible Upstand Insulation Board

Installation Instructions

- vertically from any waterproofing layer with a horizontal inverted system trapping the board against the upstand, or;
- from the top of the inverted insulation or upper layer of waterproofing in a warm roof.

Installation Instructions for Inverted Roofs from the waterproofing layer

When installing from the waterproofing layer should the vertical height of the Rockface A2 board not exceed 3x the depth of the horizontal board then no other method of attachment is necessary.

Above this height apply to the face of the upstand a 20mm continuous bead of Insta Stik looping in a 'S' bond shape, with circa 300mm between the bead lines prior to compressing the Rockface A2 board against the adhesive.

When the Rockface A2 board height exceeds 750mm above the roof finishes then along with the Insta Stik a further mechanical attachment is required; a single DDS-Z fixing (or other approved if not concrete) for each separate board fastened though the board and into the wall at least 150mm above the roof finishes or at least 75mm from the top of the board.

A cover flashing or capping is necessary to be fitted over the exposed top edge of the ProTherm RockFace A2 upstand board.

Installation Instructions for Inverted Roofs from the top of the insulation or for warm roofs.

1. Install a continuous strip along the base of the board and also apply to the face of the upstand a 20mm continuous bead of Insta Stik looping in a 'S' bond shape, with circa 300mm between the bead lines prior to compressing the Rockface A2 board against the adhesive.

2. When the Rockface A2 board exceeds 600mm in height then along with the Insta Stik a further mechanical attachment is required; a single DDS-Z fixing (or other approved if not concrete) for each separate board fastened though the board and into the wall at least 150mm above the roof finishes or at least 75mm from the top of the board.

3. A cover flashing or capping is necessary to be fitted over the exposed top edge of the ProTherm RockFace A2 upstand board.

Where it is necessary to cut ProTherm RockFace A2 upstand board to size use a TCT saw (suitable PPE must be used including a face mask to guard against dust).

Delivery conditions

Delivery form

Shrunk wrapped on a pallet, quantity depending on board thickness.

Product identification

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

NBS Specification Clauses

Please view on NBS Source here:

https://source.thenbs.com/product/protherm-rockface-a2-upstand-insulation

For a comprehensive NBS specification contact Radmat Building Products.

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.

For further information on Radmat products and services please call **01858 410372** email **techenquiries@radmat.com** or visit our website **www.radmat.com**

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