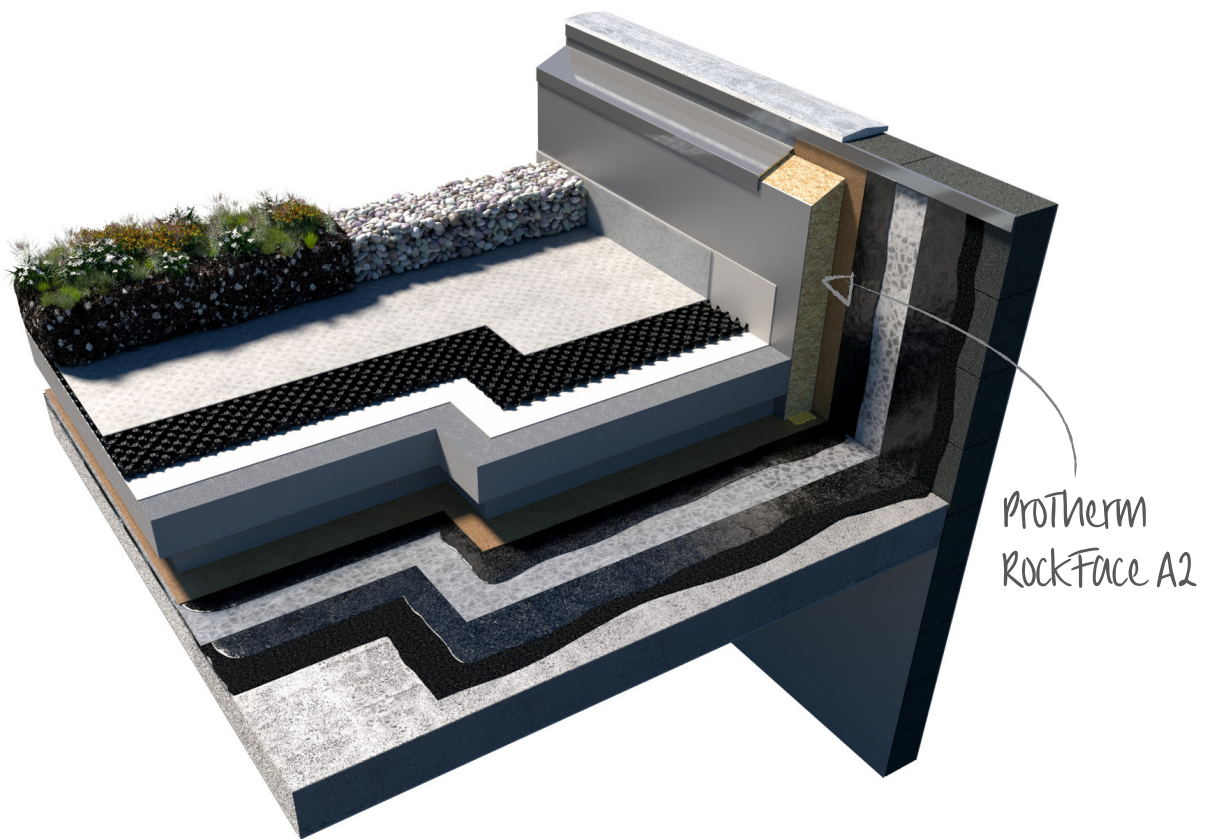


ProTherm RockFace A2

Non-Combustible Upstand Insulation Board

Product Data Sheet



ProTherm RockFace A2

Non-Combustible Upstand Insulation Board

General Information

ProTherm RockFace A2 is a Non-Combustible Upstand Insulation Board used to thermally insulate and protect upstand walls in inverted flat roof systems. Classified Euroclass A2-s1,d0 to BS EN13501-1:2108 by WarringtonFire under classification report no. 19808F dated 10 10 2019. Building Regulation Approved Document B volume 1 – dwellings and volume 2 - non-dwellings compliant solution for buildings over 18m high in England. Technical Handbook – domestic Annex 2.C and Technical Handbook – non-domestic Annex 2.F compliant solution for buildings over 11m high in Scotland.

Manufactured with non-combustible Fabrock it will not develop smoke or promote flame spread, even when directly exposed to fire. It also repels and drains water away from the product, and will completely dry out while maintaining its original physical properties. Fabrock and factory laminated to a 6mm thick weather resistant high impact facing board. Available in a range of thicknesses, see declared performance table for available thickness.

ProTherm RockFace A2 has a Zero Ozone Depletion Potential (ODP), a Global Warming Potential (GWP). For use with Inverted roofing waterproofing such as PermaQuik PQ6100, EshaFlex, EshaUniversal and ParaFlex.

For a comprehensive NBS J31 specification contact Radmat Building Products.

Certificates

ISO 9001:2008 Quality Management System, ISO 14001 :2004 Environmental Management System, EPD as per ISO 14025 and EN 15804.

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.

Installation Instructions

Install ProTherm RockFace A2 upstand board after completion of the PermaQuik PQ6100 or EshaFlex inverted roofing system.

ProTherm RockFace A2 upstand board is bonded to the waterproofing using an Insta-Stik bead it is also trapped at the base by the horizontal ProTherm insulation board. As long as the ProTherm RockFace A2 upstand boards are well protected no additional attachment method is required unless the ProTherm RockFace A2 upstand board is more than 3 times the height of the horizontal ProTherm insulation board.

Where the ProTherm RockFace A2 is more than 3 times the height of the horizontal ProTherm insulation board, and less than 750mm in height, the ProTherm RockFace A2 upstand board must be trapped at the base by the horizontal ProTherm insulation board and have continuous retention across the top face of the board.

Where the ProTherm RockFace A2 Board exceeds 750mm above the roof finishes and is trapped at the base by the horizontal ProTherm insulation board the ProTherm RockFace A2 Board must be either:

- Bonded with INSTA-STIK Roofing Adhesive applied in 19-25 mm beads at 300mm centres for the full height of the ProTherm RockFace A2 Board AND have a single DDS fixings (or equal approved) installed through the centre of the ProTherm RockFace A2 Board a minimum of 75mm from the top of the ProTherm RockFace A2 Board.
- Mechanically fixed directly to the upstand wall at 600mm centres using Speedline DDS fixings (or equal approved).

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).

ProTherm RockFace A2

Non-Combustible Upstand Insulation Board

PRODUCT DESCRIPTION

Appearance top side	Grey Skin
Core	Fabrock Insulation

DECLARED PERFORMANCE

Essential characteristics	Performance	Unit	EN Code	Standard
Fire Performance RockFace A2 (product rating)	A2-s1,d0	-	-	BS EN 13501-1
Ozone Depletion Potential	Zero	-	-	-
Global Warming Potential	< 5	-	-	-
BRE Green Guide Rating	A	-	-	-
Board size - Length - Width - Thickness (overall)	2000 1.2 56, 142	mm m mm	- - -	BS EN 822 BS EN 822
Tolerances	±2	-	-	-
Tolerances	Square	-	-	-
Weight (board / m²) FR56 FR142	35.9 56	kg kg	- -	- -

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

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: Fabrock

Colour	Pale Green	-	-	-
Thickness (allow 6mm for the facing board)	50, 136	mm	-	-
Tolerance - Thickness - 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	λD	BS EN 13162
Nominal Density (Fabrock only)	110	kg/m³	-	BS EN 1602
Water Absorption by Immersion	Water Repellent	-	-	ASTM E136
Fire Performance (component ratings)	A1	-	-	BS EN 13501-1
Delamination Strength	13	kPa	-	ASTM C356

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

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 tech enquiries@radmat.com or visit our website www.radmat.com **NOV 2019**



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