

RADBAR400

Lámina anti-radón para uso arquitectónico



Lámina anti-radón fabricada con mezcla de polímeros de alta calidad con alta resistencia a la rotura, RADBAR400 es idóneo para la instalación sobre superficies grandes como naves industriales, por su ancho de 3,9 m, y sello de juntas sencilla. Por su coeficiente de difusión de radón de $2,4 \times 10^{-12} \text{ m}^2/\text{s}$, y su espesor de 0,4mm, el RADBAR400 cumple los requisitos del CTE (según las ecuaciones presentadas en DB HS6 sección 3.1.2 "Dimensionado de la barrera") para edificios con altura de techo en planta baja de 2,2 metros o más. La membrana se une con cintas. Las uniones entre secciones adyacentes deben superponerse (solape) de 150 mm e incluir una cinta de doble cara entre las láminas y una cinta superpuesta para el solape.

Especificaciones:

Dimensiones de rollo: 3,90m x 20m \pm 0,5%.

Espesor: 0,4mm

Permeabilidad al radón: $2,4 \times 10^{-12} \text{ m}^2/\text{s}$

Peso: 368 g/m²

Resistencia a la rotura: > 118 N

Exhalación de radón prevista: 16,05 Bq/m².h

Color: Rojo (disponible también en verde)



RADON 400

Radbar Radon 400 is manufactured from a blend of high-quality virgin polymers, resulting in a robust membrane with high puncture resistance.

Radbar Radon 400 complies with BRE 211: 2023, UK Building Regulations and is independently certified by the BBA.

Thickness	400µm / 1600 gauge
Width	4m
Length	20m
Colours	Red
Radon Permeability (10 ⁻¹² m ² /s)	6
Radon Transmittance (10 ⁻⁹ m/s ⁻¹)	15
Radon Diffusion (K124/02/95)	16 x 10 ⁻¹² m ² /s
Water Vapour Transmittance (g/m ² /day)	0.29
Tear Strength (Nail) (N)	>118

Accessories available from the Radbar range:

- Jointing tape, double-sided and overlap tape
- Top Hats, for sealing pipe penetrations
- Radon Sumps
- Pre-formed corners
- Detailing Strip, self-adhesive for corners and penetrations
- Protection Boards, for protecting the membrane post installation



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Declaration of Performance

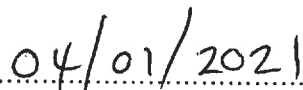
1. **Unique identification code of the product-type:**
Radbar Radon 400 Membrane (0.40mm)
2. **Product type:**
Type A in accordance with EN 13967:2012
3. **Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:**
Flexible sheets for waterproofing – Definitions and characteristics (EN 13967:2012)
4. **Name and contact address of the manufacturer:**
Capital Valley Plastics
Cwmavon Works
Cwmavon Near Pontypool
Gwent
NP4 8UW
5. **Name of the authorized representative whose mandate covers the tasks specified in Article 12, Paragraph 2:**
Mathew Spiller
6. **System of assessment and verification of constancy of performance of the construction product:**
2+
7. **Notified body:**
Eurofins Expert Services
NB 0809

8. Declared Performance

ESSENTIAL CHARACTERISTICS	0.30MM	HARMONISED STANDARD
Water tightness 2kPa	Pass	EN 13967:2012
Reaction to fire	F	
Resistance to static loading	Pass	
Resistance to impact	195mm	
Durability against ageing - heat	Pass	
Durability against chemicals - alkali	Pass	

9. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8. This declaration of performance (DOP) is issued under the sole responsibility of the manufacturer identified in point 4.
Signed for and on behalf of the manufacturer by


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Mathew Spiller, Technical Manager
Capital Valley Plastics Ltd
Pontypool


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Date