

**MASONS AIRTIGHT PEF ROD**  
**BUILDING PRODUCT**  
**INFORMATION SHEET**



**MASONS**  
Designed Smart, Built Tough.

V2.0 February 2024

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**PRODUCT NAME**

Masons Airtight PEF Rod

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**PRODUCT LINE**

Masons underlay accessories

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**PRODUCT DESCRIPTION AND ITS INTENDED USE:**

Airtight is closed cell polyethylene foam extruded in a cylindrical shape, commonly called PEF Rod.

It is required to be installed between joinery reveals and the wall opening as joint backer for expanding foam or sealant air seals designed to prevent air movement carrying moisture into the building interior as required by E2 AS1.

It may be used as backing rod for sealant joints in concrete or masonry or similar structures.

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**PRODUCT IDENTIFIERS**

AIRTIGHT6x20	PEF ROD	6mm x 20m
AIRTIGHT6x50	PEF ROD	6mm x 50m
AIRTIGHT8x20	PEF ROD	8mm x 20m
AIRTIGHT8x50	PEF ROD	8mm x 50m
AIRTIGHT10x20	PEF ROD	10mm x 20m
AIRTIGHT10x50	PEF ROD	10mm x 50m
AIRTIGHT13x20	PEF ROD	13mm x 20m
AIRTIGHT13x50	PEF ROD	13mm x 50m
AIRTIGHT15x50	PEF ROD	15mm x 50m
AIRTIGHT20x20	PEF ROD	20mm x 20m
AIRTIGHT30x10	PEF ROD	30mm x 100m

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**PLACE OF MANUFACTURE**

China

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**MANUFACTURER: Legal And Trading Name**

Refer to Masons NZ Ltd

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**IMPORTER: Legal And Trading Name**

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Company	Masons NZ Ltd
Address	18A David McCathie Place, Silverdale, Auckland
Phone number	0800 522 533
Email Address	info@mpb.co.nz
Website	mpb.co.nz
NZBN	9429031171090

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**RELEVANT BUILDING CLAUSE**

E2 AS1 9.1.6 Air Seals

B2 Durability 15-50 years behind cladding

F2 Hazardous Materials – no hazardous materials

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**STATEMENT ON HOW THE PRODUCT IS EXPECTED TO CONTRIBUTE TO COMPLIANCE**

Correctly installed Masons Airtight provides backing and joint depth control of the expanding polyurethane or sealant used to create air seals between the joinery and wall structure in buildings.

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**LIMITATIONS ON THE USE OF THE PRODUCT**

› Do not use externally or permanently expose the product to UV light.

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**INSTALLATION REQUIREMENTS**

Airtight PEF rod should be inserted in the gap between the joinery reveal and the framed wrapped opening toward the interior side of the reveals. The correct size should be determined to achieve approximately 30 % compression to ensure a friction fit. Working from the interior side of the joinery place Airtight into the joint to depth that allows a suitable quantity of sealant or expanding polyurethane foam to create the required air seal.

Correct construction and placement of the Airtight PEF is important for air seals to function and comply. See E2 AS1, fig 81 for general guidance about the placement of PEF rod and air seals.

For Control of construction joints place the Airtight PEF at the correct depth in the gap for the designed sealant joint, e.g., 1- x 10 mm. A friction fit is obtained by correctly sizing the PEF rod for approximately 30 % compression on the gap.

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**MAINTENANCE REQUIREMENTS**

None.

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**IS THE BUILDING PRODUCT/BUILDING PRODUCT LINE SUBJECT TO WARNING OR BAN UNDER SECTION 26 OF THE NEW ZEALAND BUILDING CODE?**

No.

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