

FibreFlex®

Ceiling Baffle

Ceiling Baffle

Premium polyester ceiling baffle for acoustic ceiling space applications

- Excellent acoustic performance
- Low allergenic
- Easy to install
- Recycled Polyester Fibre

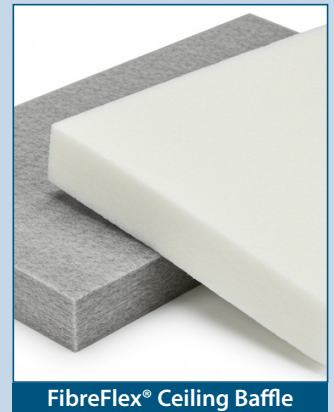


Product Description

FibreFlex® Ceiling Baffle is an acoustic insulation product made from 100% polyester, specifically designed to be stacked in layers above partition walls. It helps minimise sound transmission through suspended ceiling spaces and is manufactured in a convenient size for installation.

Key Benefits

- ▶ Enhance building acoustic performance and lower sound transmission.
- ▶ Non Toxic, Non Irritant & Odourless.
- ▶ Recycled Polyester Fibre.
- ▶ 100% Recyclable.
- ▶ Manufactured in Australia.



FibreFlex® Ceiling Baffle

Application

FibreFlex® Ceiling Baffle is designed for use above new or existing partition walls, to improve acoustic performance and sound privacy between areas.

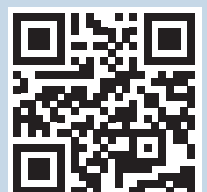
FibreFlex® Ceiling Baffle is very easy to install in ceiling areas. It should be installed with sufficient compression to maintain stability in the stack of product. The installation must be free of any gaps throughout the stack, ensuring a snug fit against all surrounding surfaces, including the ceiling and surface above.

Product Specifications

- ▶ Nominal Thickness: 100 mm.

Summary of Testing Results

Ignitability	AS/NZS 1530.3	0
Spread Of Flame	AS/NZS 1530.3	0
Heat Evolved	AS/NZS 1530.3	0
Smoke Developed	AS/NZS 1530.3	0-1
NRC	AS/ISO 354	0.85



Acoustic Performance

125hz	AS/ISO 354	0.45
250hz	AS/ISO 354	0.75
500hz	AS/ISO 354	0.90
1,000hz	AS/ISO 354	0.90
2,000hz	AS/ISO 354	0.85
4,000hz	AS/ISO 354	1.0
NRC	AS/ISO 354	0.85

When positioned between a concrete slab soffit and the top junction of a plasterboard partition wall, FibreFlex® Ceiling Baffle can reduce sound transmission by up to 9–16 decibels across various frequencies, including those associated with general speech, the most common source of disruptive noise in commercial environments.

Specification Notes

When specifying, state the following:

Product Name: FibreFlex® Ceiling Baffle

The ceiling baffle to be installed shall be FibreFlex® Ceiling Baffle and shall be installed in accordance with the manufacturer's requirements. The product must have the following properties:

- ▶ Composition: Polyester
- ▶ Fire Test: AS/NZS 1530.3
- ▶ Country of Manufacture: Australia
- ▶ Health & Safety: Non Toxic, Non Irritant & Odourless
- ▶ Nominal Thickness: 100 mm
- ▶ Acoustic: NRC 0.85 or greater
- ▶ Environmental: Manufactured with recycled content
- ▶ Allergens: Low Allergenic

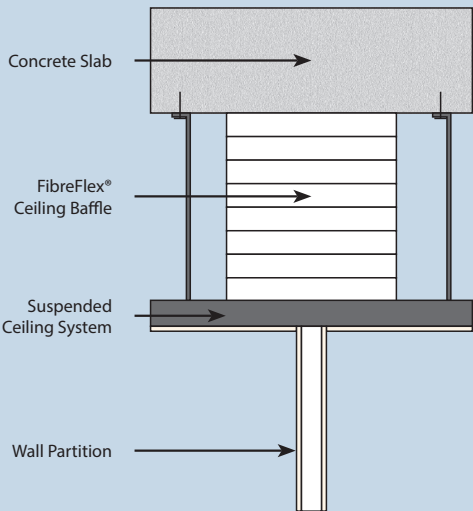
Installation Advice

FibreFlex® Ceiling Baffle should be installed with sufficient compression to maintain stability in the stack of product. The installation must be free of any gaps throughout the stack, ensuring a snug fit against all surrounding surfaces, including the ceiling and surface above.

FibreFlex® Ceiling Baffle is designed for simple installation within ceiling voids. Supplied in a compressed form, each pack is suited to ceiling to soffit heights of up to 600mm. For optimal performance, FibreFlex® Ceiling Baffle should be installed with 30% compression. For voids exceeding 600mm in height, install one additional batt for every 65mm above 600mm.

Depending on the nature of the project, it may be necessary to consult with an HVAC Engineer or Installer before installation to ensure effective air movement is maintained to the active return of the air conditioning system. FibreFlex® Ceiling Baffle stacks can be installed up to a height of 1 metre without requiring specialist design input. For installations exceeding this height, stability of the stack and weight limits of the ceiling tiles and grid system must be carefully considered. Alternative solutions are available for applications over 1 metre.

It may be necessary to use additional pieces to fill around services, ducting and structural components, however the installation of FibreFlex® Ceiling Baffles must not affect existing services, ductwork, ceiling grid supports, or fire control and detection systems. FibreFlex® Ceiling Baffle should not be used where temperatures exceed 160°C. When flues or other heat-emitting components pass through insulation, a 200 mm ventilation gap must be maintained between the component and the insulation.



Storage and Handling

Store this product undercover in a clean, dry place in the pack provided. Prior to and during installation this product must be kept dry.

Manufactured by:

FibreFlex®

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FibreFlex Industries Pty Ltd; 29-31 Clune Street, Bayswater WA 6053; Factory 8, 170 Boundary Road, Braeside VIC 3195; T: 1300 711 385; E: info@fibreflex.com.au ©FibreFlex Industries Pty Ltd. All Rights Reserved. Disclaimer: The installer/user of these products will need to determine if the product is suitable for the use in the intended application. Information in this document is believed to be correct at the time of publication. FibreFlex Industries Pty Ltd take no responsibility for the misinterpretation, misuse and misrepresentation of information provided in this document. FibreFlex Industries Pty Ltd reserves the right to change the content of this publication without any notice.