WUNDERBAR

sound smart™

Create a quiet haven

WUNDERBAR
ALUMINIUM PRODUCTS
Windows, Doors & More

PH: (02) 6057 8888

Pradella Group

Windows and Doors Noise Reduction

> Whether you are living near a busy road and have difficulty blocking out the sound of traffic, or just want more privacy in your home, there is an answer to **noise pollution**.

Ordinary windows and doors do little to reduce noise. Noise can travel through windows and doors in a variety of ways.

Frame design, seal type and glass type all play a part in reducing noise transmission.

Sound Smart™

To reduce neighbourhood, traffic and other external noise from entering your home, consider using **Sound Smart**™ windows and doors.

Bradnam's have worked closely with acoustic engineers to extensively test and develop **Sound Smart**™ products.

Frame Design

The frames of **Sound Smart**™ windows and doors have been designed to accommodate different types of acoustic seals and glazing options.

High Performance Seals

If a window or door is not well sealed, noise will find a way to get through. **Sound Smart**™ products use superior acoustic seals in order to block air gaps and reduce vibration of the glass and frame, ensuring that noise is kept on the outside.

High Performance Glazing

High performance glass blocks sound both by reflecting noise back towards the source, and absorbing sound energy within the glass. The amount of noise reflected and absorbed can vary depending on the type of high performance glass.

Design and Symmetry

Flexibility by Design

Bradnam's **Sound Smart**™ products provide a high level of design flexibility. Windows and doors are available in expansive sizes and lifestyle configurations, with modern hardware and beautiful frame colours.
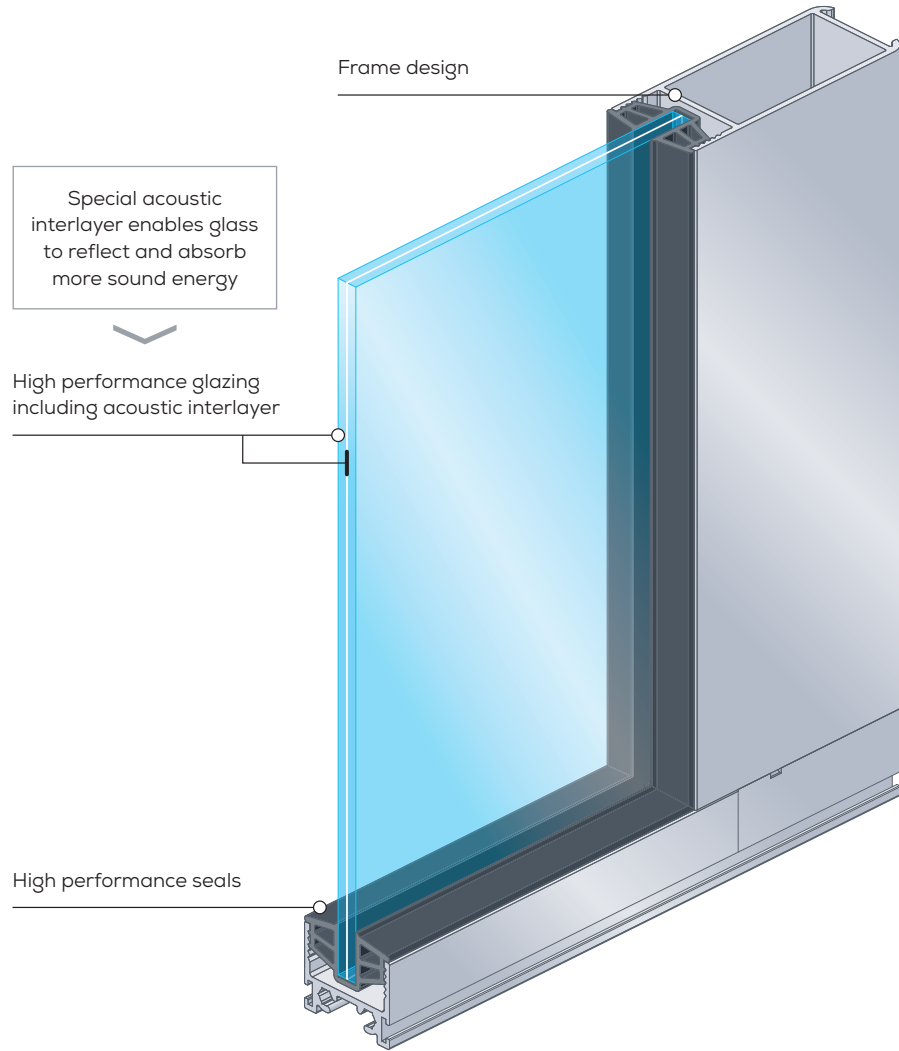
One Aesthetic

A feature of the **Sound Smart**™ product range is its overall visual symmetry within the range and with other Bradnam's window and door products. This consistency in style and finish eliminates any visual clashes and provides a clean, consistent finish throughout a house.
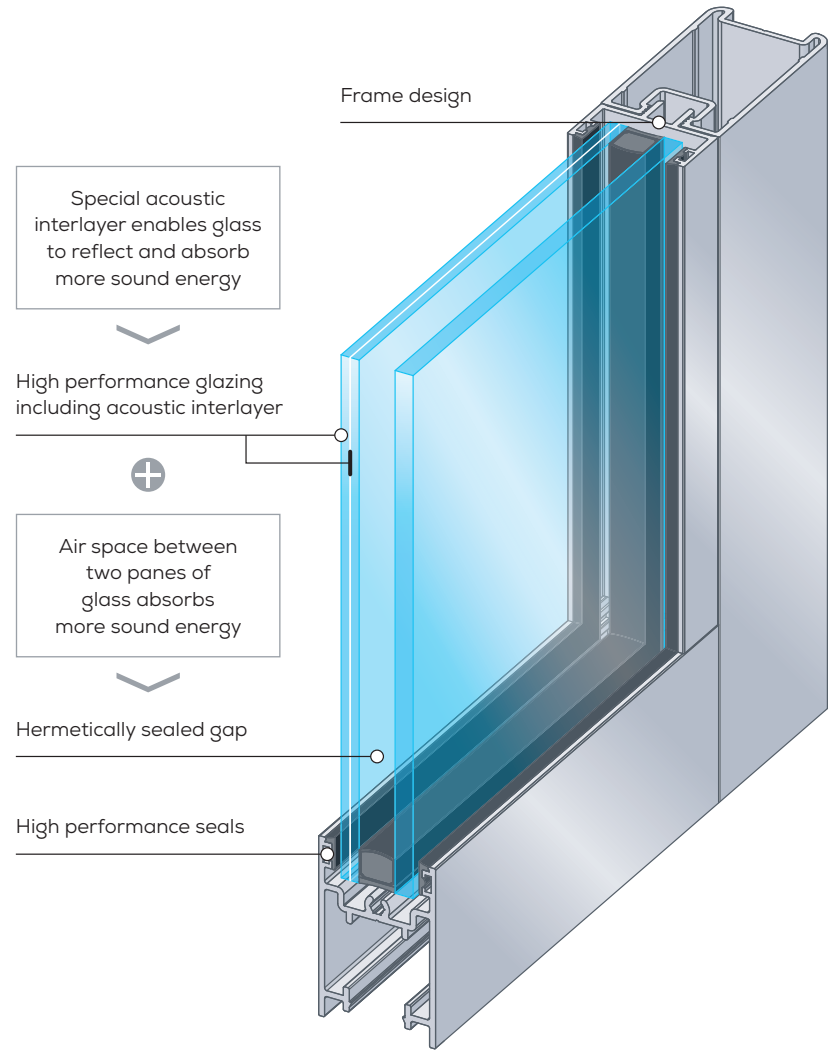
Pradella Group

Bradnam's Sound Smart™ Solutions

SINGLE GLAZED

Frame design

Special acoustic interlayer enables glass to reflect and absorb more sound energy

High performance glazing including acoustic interlayer

High performance seals

DOUBLE GLAZED

Frame design

Special acoustic interlayer enables glass to reflect and absorb more sound energy

High performance glazing including acoustic interlayer

Air space between two panes of glass absorbs more sound energy

Hermetically sealed gap

High performance seals

COMING SOON

> Ask our sales representative about
> ## SECONDARY GLAZING

Achieve acoustic ratings up to **Rw44**

+ Sound insulating pocket between 2 sashes resulting in more sound energy being absorbed

+ High performance glazing including special acoustic interlayer within the glass absorbs more energy

Sample Acoustic Ratings

Product Type	Acoustic Rating
Signature Sliding Window	Rw35
Signature Double Hung Window	Rw35
Essential Awning Window	Rw37
Signature Awning Window	Rw38
Essential Casement Window	Rw37
Signature Casement Window	Rw38
Commercial Bi-fold Window	Rw35
Essential Fixed Window	Rw37
Signature Fixed Window	Rw38
Signature Sliding Door	Rw35
Commercial Hinged Door	Rw34
Commercial Bi-fold Door	Rw35

For more information contact WUNDERBAR Aluminium Products

PH: (02) 6057 8888

www.wunderbar.com.au

Email: sales@wunderbar.com.au

WINDOWS & DOORS

INSECT & SECURITY SCREENS

SHOWER SCREENS

MIRRORS & WARDROBES

GLASS SPLASHBACKS

Australian Owned & Made
Bradnam's products are proudly made in Australia and designed specifically to meet all Australian conditions.

Product availability, pricing, features, options, sizes, configurations and performance are subject to regional variations, design requirements and building codes.

Images are for illustration purposes only and may not accurately represent the product. Bradnam's Windows & Doors reserves the right to change, alter or delete any aspect of this product without notice. We recommend visiting a Bradnam's showroom before ordering to view colour swatches, glass samples and actual products.

Bradnam's Windows and Doors . QBCC Act lic 58885
© Bradnam's Windows and Doors . v2 May 2019

WUNDERBAR
ALUMINIUM PRODUCTS
Windows, Doors & More

PH: (02) 6057 8888

Pradella Group