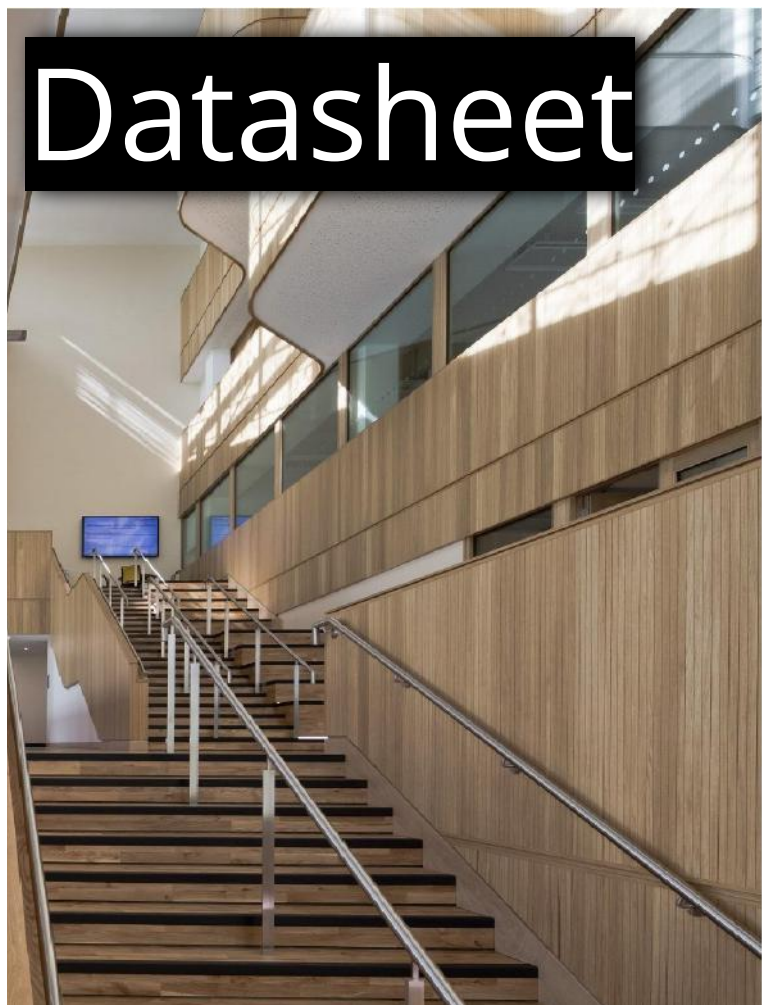




Absorb-R WoodTec



Datasheet



Absorb-R WoodTec Panels

Product Description

Soundis Woodtec have been developed to provide acoustic solutions for Educational facilities (in line with BB93 regulations), offices, theatres, lecture rooms and any space where noise absorption and sound reduction is required.

Woodtec acoustic timber panels and planks are designed to reduce noise levels projected by speakers, musicians and other sound events, perforated wood panels decrease sound reverberation within a building so sound does not disturb adjoining rooms in the same building. Our timber panel systems are uniquely perforated allowing them to absorb and centralize sound waves. In addition, these specialist panels can be suspended from ceilings to further reduce noise levels and echoing. Absorb-R Woodtec offer maximum acoustic comfort and subsequently reducing any mental fatigue caused by high reverberation times.

The **Absorb-R Woodtec** panel system comprises of acoustic panels for wall and ceiling coverings. These are suited to public buildings such as conference rooms, atriums, concert halls and auditoria. For use in universities and schools and other areas where high traffic is normal Woodtec offers a high impact panel solution. There is a wide range of options when it comes to surfaces and finishes, so there are many possibilities to vary the look and feel of the finished room. With the Woodtec Panel System we have a combined unique design with **flexible installation** methods.

The **Absorb-R Woodtec panels** can be ordered as a full finished panels or as a tongue and groove system.

MANUFACTURING

Absorb-R Woodtec panelling is manufactured from 18mm MDF as standard and offered in the a wide range of Finishes which act as 'Sound Absorbing panels' to significantly reduce reverberation times but also provide a striking visual appearance.

To enhance fire ratings the core board can be specified as fire retardant along with the laquer.

The woodtec range also contains our Timber baffle or Fins. This highly decorative system offer a dual acoustic effect acting a an absorbent surface but also can be used a diffuser to break up sound waves. The baffles are as standard manufactured from solid in a range of different species.



Applications

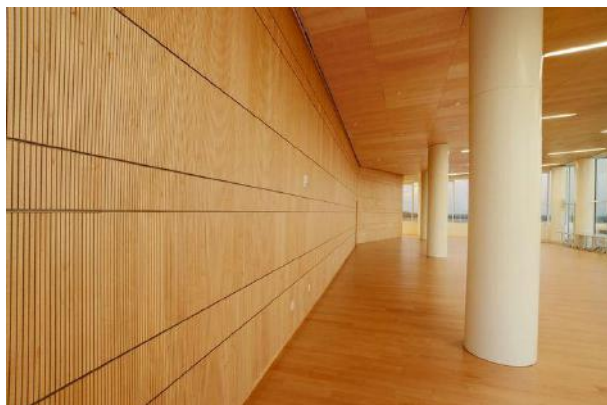
Absorb-R Woodtec panels are suited to most applications including use in reception areas, schools, lecture theatres, atria, studios, offices and commercial buildings. **Woodtec** panels are extremely durable and abuse resistant making them particularly suited to areas that may require a high degree of impact resistance for example sports and recreation halls and police interview rooms.

- Leisure Facilities
- Music Studios
- Showrooms
- Learning Areas
- Schools
- Music Venues
- Conference Centres
- Restaurants
- Hotels
- Other

Hotels



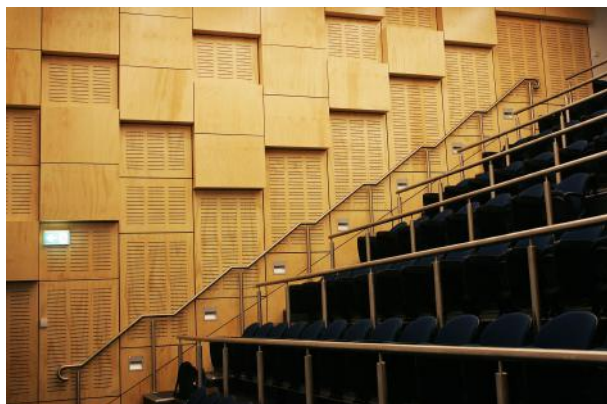
Leisure Facilities



Restaurants



Learnings Areas



Conference Centres



Absorb-R WoodTec

Design Your Space


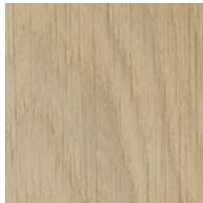



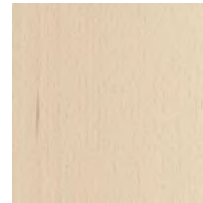

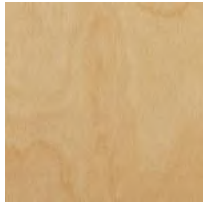
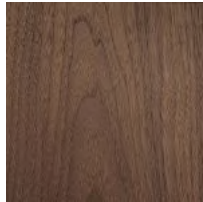
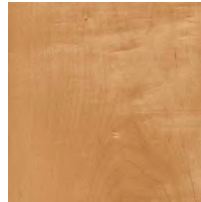
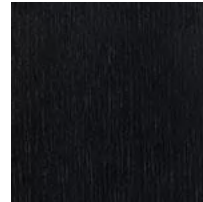
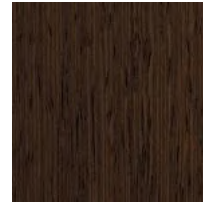
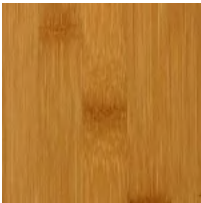
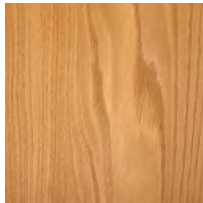
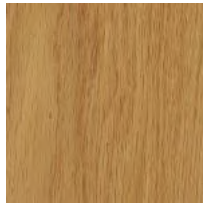
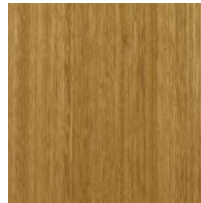
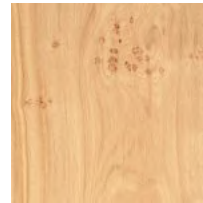
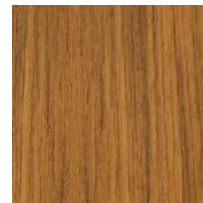
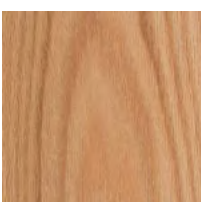
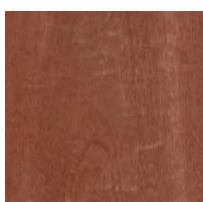
Our experienced team have a wealth of knowledge and can provide consultants, architects and contractors with expert advice on all aspects of reverberation control. We can perform noise surveys and will provide details of anticipated reverberation time improvements to help ensure that the maximum design specifications and performance can be achieved.

Surface Finish & Colour

A range of acoustic timber panels with varying surface choices. These can be finished using real wood veneers, wood print laminates, solid colour laminates and paint finished to any Ral colour or NCS Colour Palettes. We can also offer solid real wood.



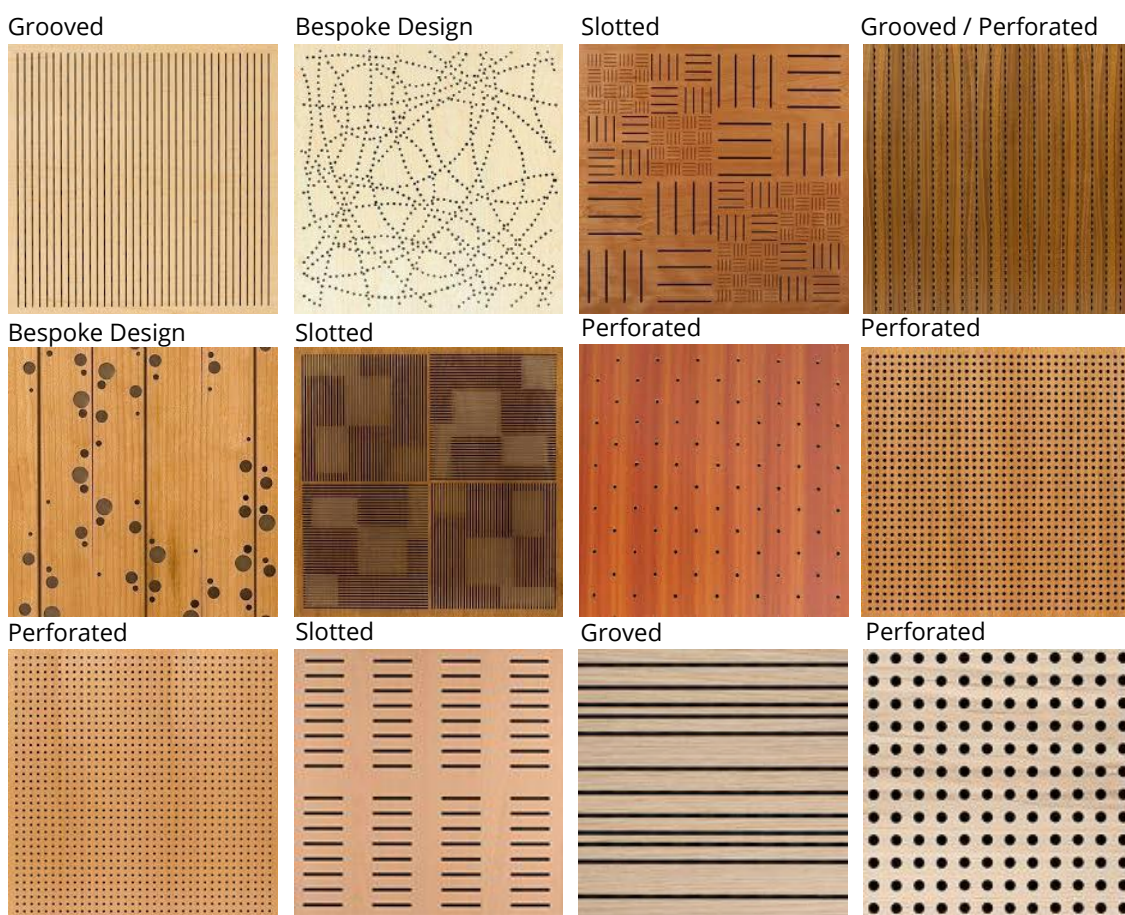
Available Wood Finishes

White Oak	Washed White Oak	Ash	Maple	Siberian Larch	White Beech
					
Red Cedar	Birch	American Walnut	American Cherry	Black Stained Oak	Wenge
					
Caramelised Bamboo	Chestnut	European Oak	Iroko	Pippy Oak	Teak
					
Red Oak	Sapele				
					

Surface Design

Choose between slotted, Groves, holes and perforated, With large variety of designs we will have something for every space you are trying to treat with aesthetically pleasing designed. As we manufacture these panels here in the UK we are able to work with designers and architects to meet their own expectations and designs.

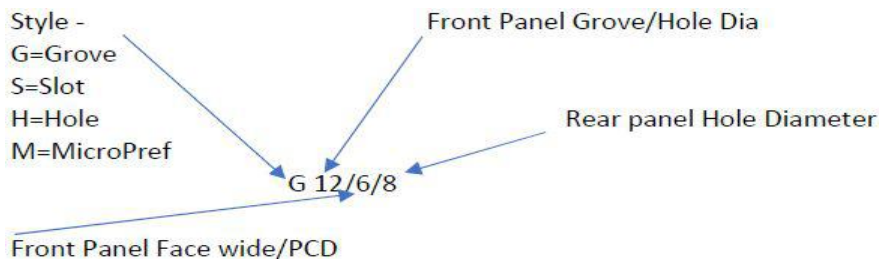
Absorb-R Woodtec Style Examples



DISCLAIMER: Note that colours shown on this page offer only an approximation of their actual real-life counterparts. Refer to a certified colour chart for true colour.

Standard Patterns

The Woodtec styles are defined by an easy to understand letter and numbering system to help you specify the exact style you want



grove of 6mm, to the rear it would have 8mm diameter holes.
For a H 5/10 would be a Hole Panel with a hole diameter of 5mm and a PCD of 10mm, in this instance as there is no 3 number the holes in the front would continue through the panel

G 6/2/8



il. SOUNDIS

aw	Euro	NRC
0,40 LM	D	0,57
0,40 LM	D	0,62

TOTAL THICKNESS
BLUE = 200MM
RED = 50MM

G 14/2/8



il. SOUNDIS

aw	Euro	NRC
0,80 M	B	0,88
0,75 M	C	0,87

TOTAL THICKNESS
BLUE = 200MM
RED = 50MM

M 0.4/2/0.4



il. SOUNDIS

aw	Euro	NRC
0,65 L	C	0,73
0,60 LM	C	0,76

TOTAL THICKNESS
BLUE = 200MM
RED = 50MM

Standard Patterns

H 5/216/10



• SOUNDIS

aw	Euro	NRC
0,70 L	C	0,82
0,70 M	C	0,83

TOTAL THICKNESS
BLUE = 200MM
RED = 50MM

H 3/16/10



• SOUNDIS

aw	Euro	NRC
0,40 LM	D	0,63
0,35 LM	D	0,68

TOTAL THICKNESS
BLUE = 200MM
RED = 50MM

H 8/16/8



• SOUNDIS

aw	Euro	NRC
0,75 LM	C	0,91
0,70 M	C	0,81

TOTAL THICKNESS
BLUE = 200MM
RED = 50MM

H 8/16/8

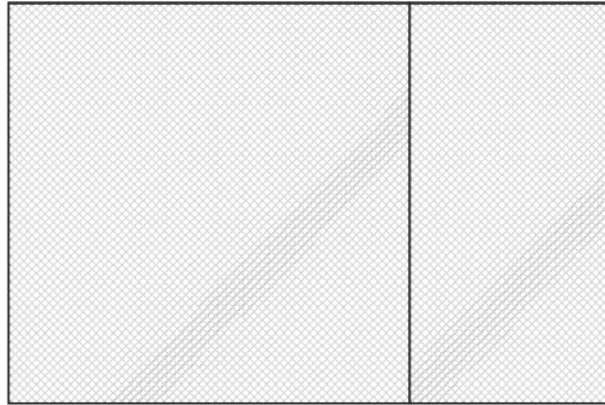


• SOUNDIS

aw	Euro	NRC
0,35 LM	D	0,53

TOTAL THICKNESS
RED = 50MM

Absorb-R WoodTec



Care and Maintenance

The Absorb-R Woodtec panels are easy to maintain. These panels can be cleaned with non-abrasive cleaners suited for wood veneers. A full maintenance manual is available upon request.

Working Temperature

Absorb-R Woodtec panels should not be installed until all wet works are completed and dry. The panels are designed for storage and installation under standard occupancy conditions from **18°C to 30°C** with Air humidity % **minimum 35%** and **maximum 60%**.

Fire Performance

Our standard panels meet BS476 Class 3 fire rating however upon request can meet the requirements of BS476: Part 6 & Part 7: 1987 surface spread of flame. Class '1' & Class '0' subject to minimum order quantity and a marginal increase in lead time.

Availability

The Absorb-R Woodtec panels are easy to maintain. These panels can be cleaned with non-abrasive cleaners suited for wood veneers. A full maintenance manual is available upon request.

Absorb-R WoodTec Baffles/Fins

Product Description

Soundis Woodtec Baffles and Fins have been developed to provide acoustic solutions for Educational facilities (in line with BB93 regulations), offices, theatres, lecture rooms and any space where noise absorption and sound reduction is required.

Woodtec acoustic timber Baffles and Fins are designed to reduce noise levels projected by speakers, musicians and other sound events, the open spaces between the Fins along with the irregular surface decrease sound reverberation within a building allowing the acoustic back board to absorb and centralize sound waves. In addition, these specialist panels can be suspended from ceilings to further reduce noise levels and echoing. Absorb-R Woodtec offer maximum acoustic comfort and subsequently reducing any mental fatigue caused by high reverberation times.

The **Absorb-R Woodtec** baffle/fin system are suited to public buildings such as conference rooms, atriums, concert halls and auditoria. For use in universities and schools and other areas where high traffic is normal Woodtec offers a high impact panel solution. There is a wide range of options when it comes to surfaces and finishes, so there are many possibilities to vary the look and feel of the finished room. With the Woodtec Panel System we have a combined unique design with **flexible installation** methods.

The **Absorb-R Woodtec Baffles and fins** can be ordered as a full finished panels or as individual components to build the system on site.

MANUFACTURING

Absorb-R Woodtec panelling is manufactured from MDF as standard and offered in the a wide range of Veneer and painted finishes to provide a striking visual appearance. We also manufacture from solid timber to give extra special elegance to the project.

To enhance fire ratings the core board can be specified as fire retardant along with the laquer to give a Euroclass B or C fire rating in accordance with European Standards



Applications

Absorb-R Woodtec Baffle/Fins are suited to most applications including use in reception areas, schools, lecture theatres, atria, studios, offices and commercial buildings. **Woodtec** Baffle/Fins are visually stunning where you want to enhance the space along with treating the area acoustically for reverberation..

- Leisure Facilities
- Music Studios
- Showrooms
- Learning Areas
- Schools
- Music Venues
- Conference Centres
- Restaurants
- Hotels
- Other

Hotels



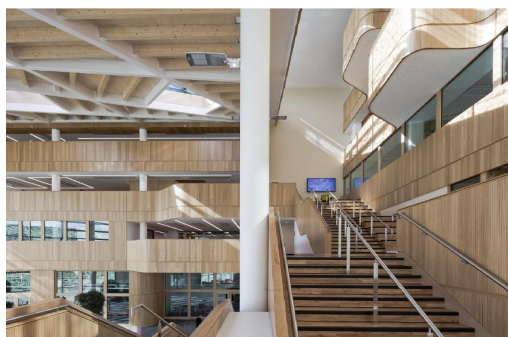
Leisure Facilities



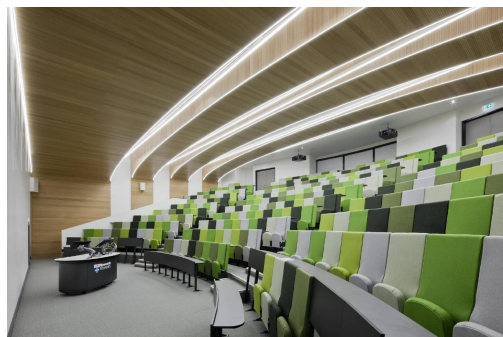
Restaurants



Learnings Areas



Conference Centres



Absorb-R WoodTec

Design Your Space


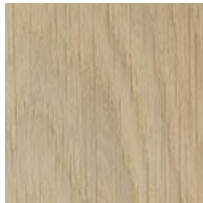



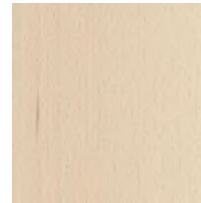

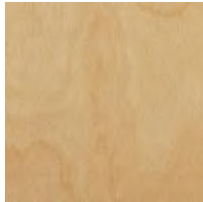
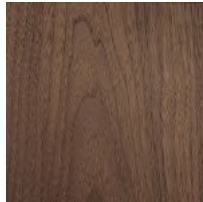
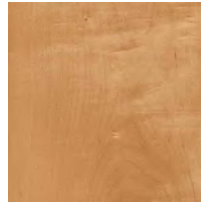
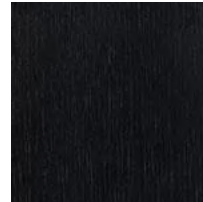
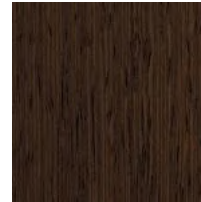
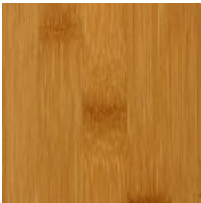
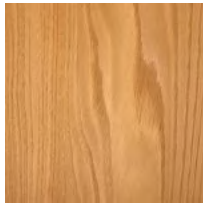
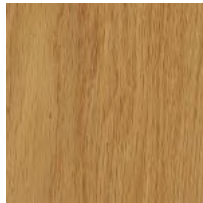
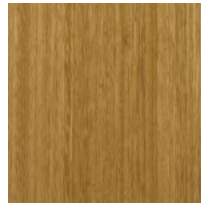
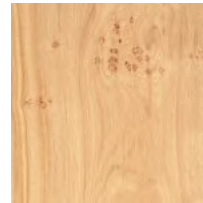
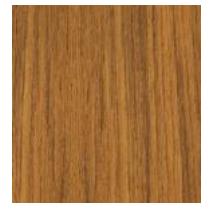
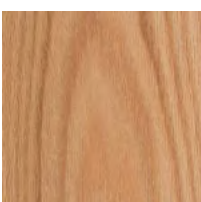
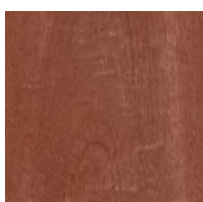
Our experienced team have a wealth of knowledge and can provide consultants, architects and contractors with expert advice on all aspects of reverberation control. We can perform noise surveys and will provide details of anticipated reverberation time improvements to help ensure that the maximum design specifications and performance can be achieved.

Surface Finish & Colour

The range of timber slats with varying surface choices. These can be finished using real wood veneers, wood print laminates, solid colour laminates and paint finished to any Ral colour or NCS Colour Palettes. We also offer solid real wood



Available Wood Finishes

White Oak	Washed White Oak	Ash	Maple	Siberian Larch	White Beech
					
Red Cedar	Birch	American Walnut	American Cherry	Black Stained Oak	Wenge
					
Caramelised Bamboo	Chestnut	European Oak	Iroko	Pippy Oak	Teak
					
Red Oak	Sapele				
					

Surface Design

We offer 6 standard arrangements in the modular format. As we manufacture these panels here in the UK we are able to work with designers and architects to meet their own expectations and designs.

When ordered as individual components the centres of the slats can be set by the installer at any distance to give ultimate flexibility

Absorb-R Woodtec Fins/Baffles



Open Area- 36%

αW	EURO	NRC
0.85	B	0.92
0.8	B	0.78

TOTAL THICKNESS
BLUE = 200MM
RED = 50MM



Open Area- 50%

αW	EURO	NRC
0.85	B	0.94
0.82	B	0.90

TOTAL THICKNESS
BLUE = 200MM
RED = 50MM

20/60/30

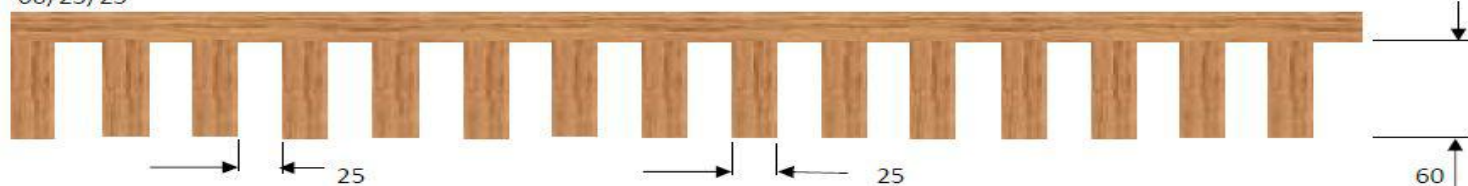


Open Area- 33%

αW	EURO	NRC
0.75	B	0.87
0.7	B	0.85

TOTAL THICKNESS
BLUE = 200MM
RED = 50MM

60/25/25



Open Area- 50%

αW	EURO	NRC
0.85	B	0.92
0.8	B	0.78

TOTAL THICKNESS
BLUE = 200MM
RED = 50MM

90/25/50

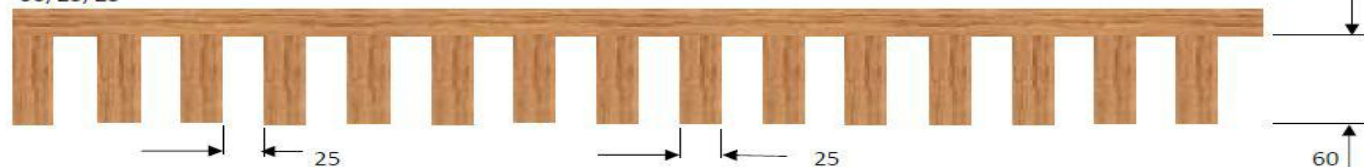


Open Area- 66%

αW	EURO	NRC
0.95	A	0.95
0.9	A	0.93

TOTAL THICKNESS
BLUE = 200MM
RED = 50MM

60/25/25

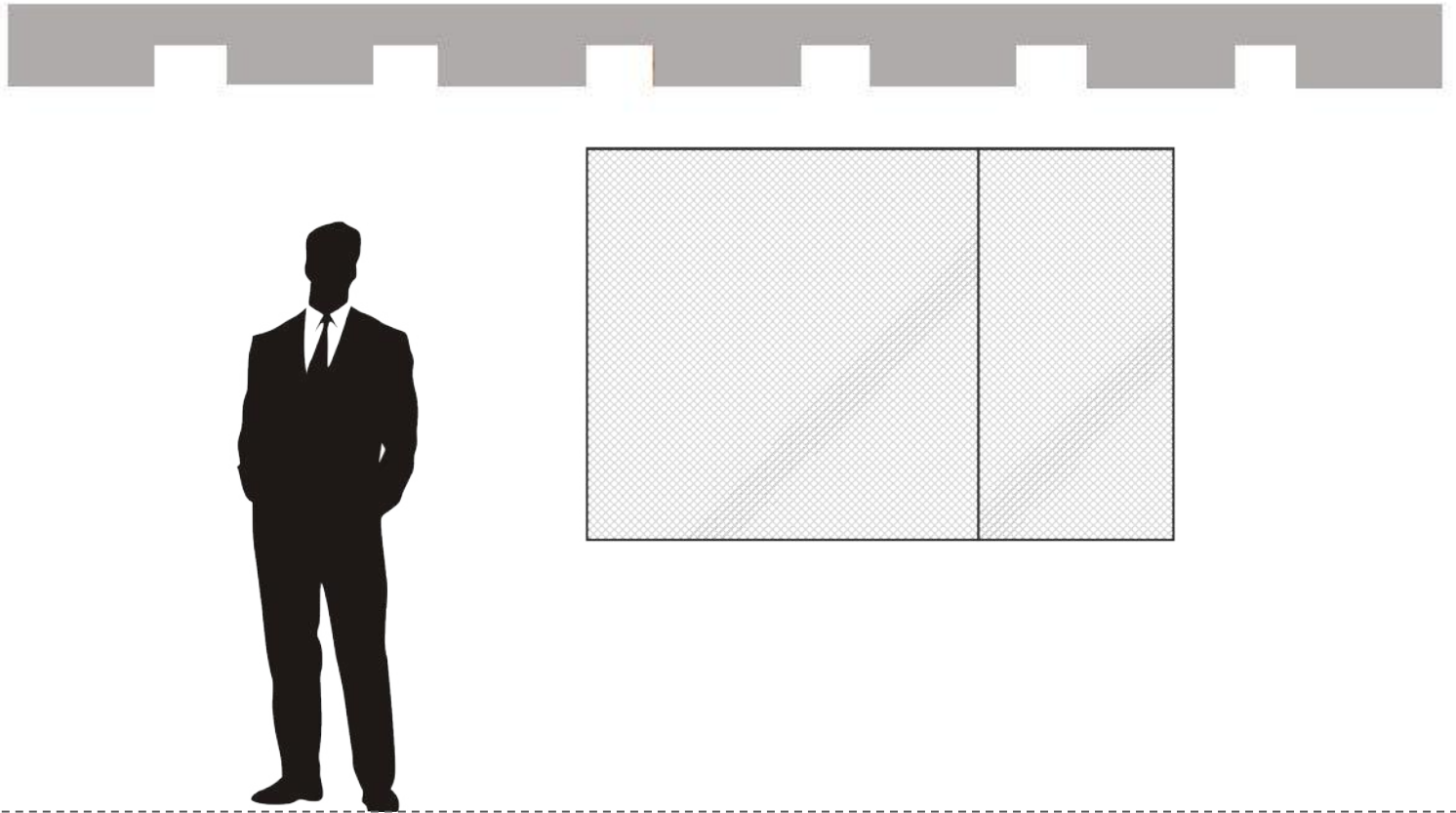


Open Area- 50%

αW	EURO	NRC
0.85	B	0.92
0.8	B	0.78

TOTAL THICKNESS
BLUE = 200MM
RED = 50MM

Absorb-R WoodTec



Care and Maintenance

The Absorb-R Woodtec Baffles/Fins are easy to maintain. These panels can be cleaned with non-abrasive cleaners suited for wood veneers. A full maintenance manual is available upon request.

Working Temperature

Absorb-R Woodtec panels should not be installed until all wet works are completed and dry. The panels are designed for storage and installation under standard occupancy conditions from **18°C to 30°C** with Air humidity % **minimum 35%** and **maximum 60%**.

Fire Performance

Our standard panels meet BS476 Class 3 fire rating however upon request can meet the requirements of BS476: Part 6 & Part 7: 1987 surface spread of flame. Class '1' & Class '0' subject to minimum order quantity and a marginal increase in lead time.

Availability

The Absorb-R Woodtec panels are easy to maintain. These panels can be cleaned with non-abrasive cleaners suited for wood veneers. A full maintenance manual is available upon request.
