



# Absorb-R WoodTec



## Datasheet



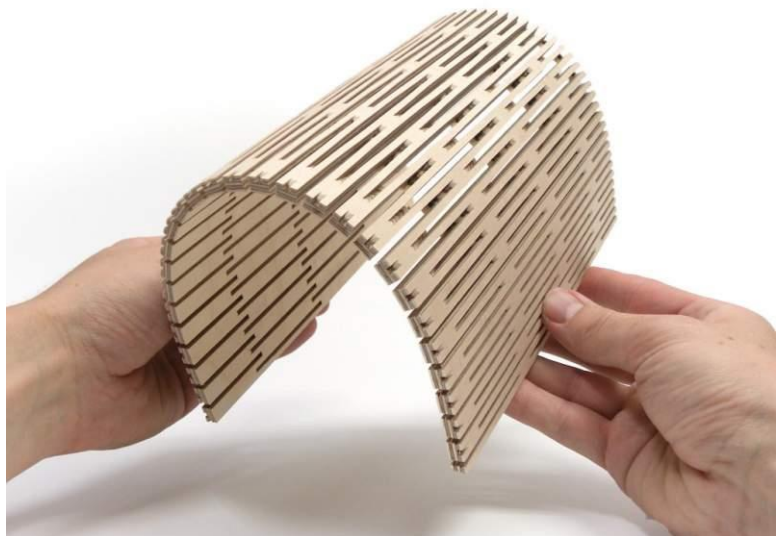
# Absorb-R WoodTec

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## Product Description

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.



## Applications

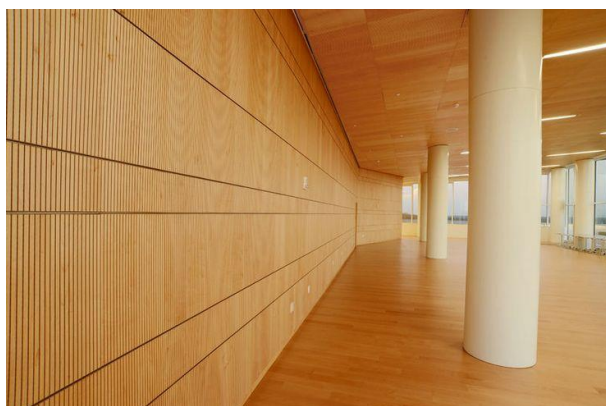
Absorb-R Woodtec panels are suited to most applications including use in reception areas, schools, lecture theatres, atria, studios, offices and commercial buildings. **Woodtec** panels are extremely durable and abuse resistant making them particularly suited to areas that may require a high degree of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



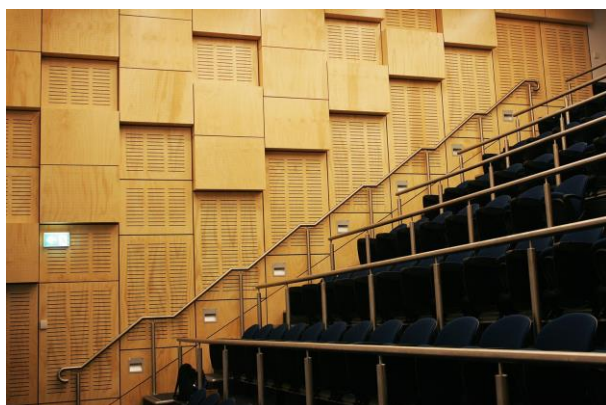
## Leisure Facilities



## Restaurants



## Learnings Areas



## Conference Centres



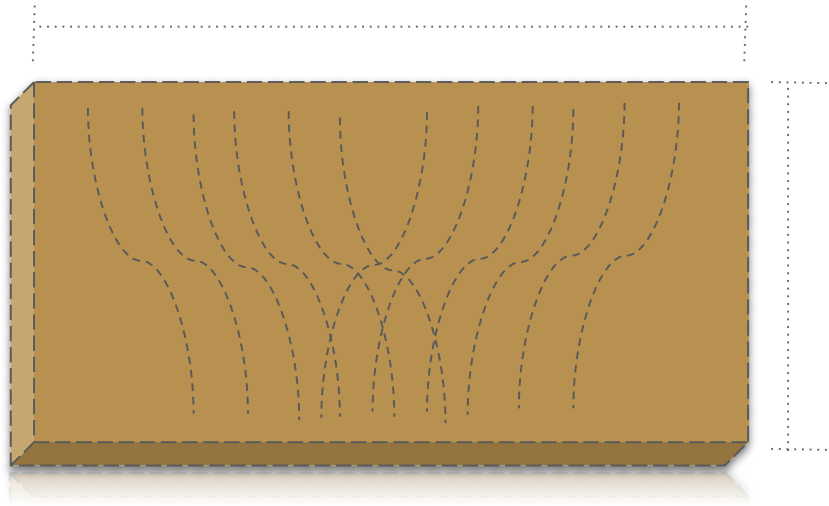
# Absorb-R WoodTec

## Design Your Space

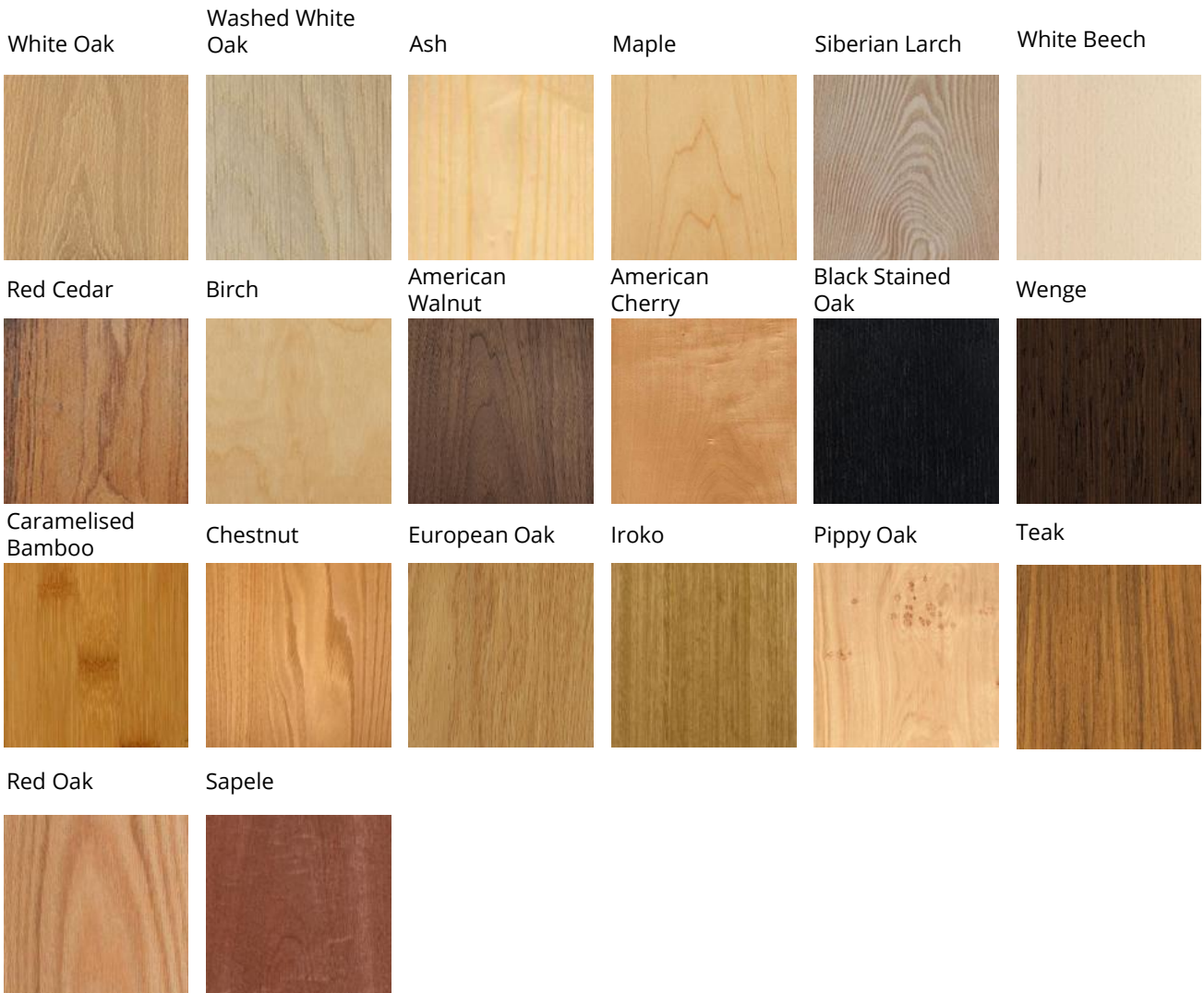
Our experienced team have a wealth of knowledge and can provide consultants, architects and contractors with expert advice on all aspects of reverberation control. We can perform noise surveys and will provide details of anticipated reverberation time improvements to help ensure that the maximum design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

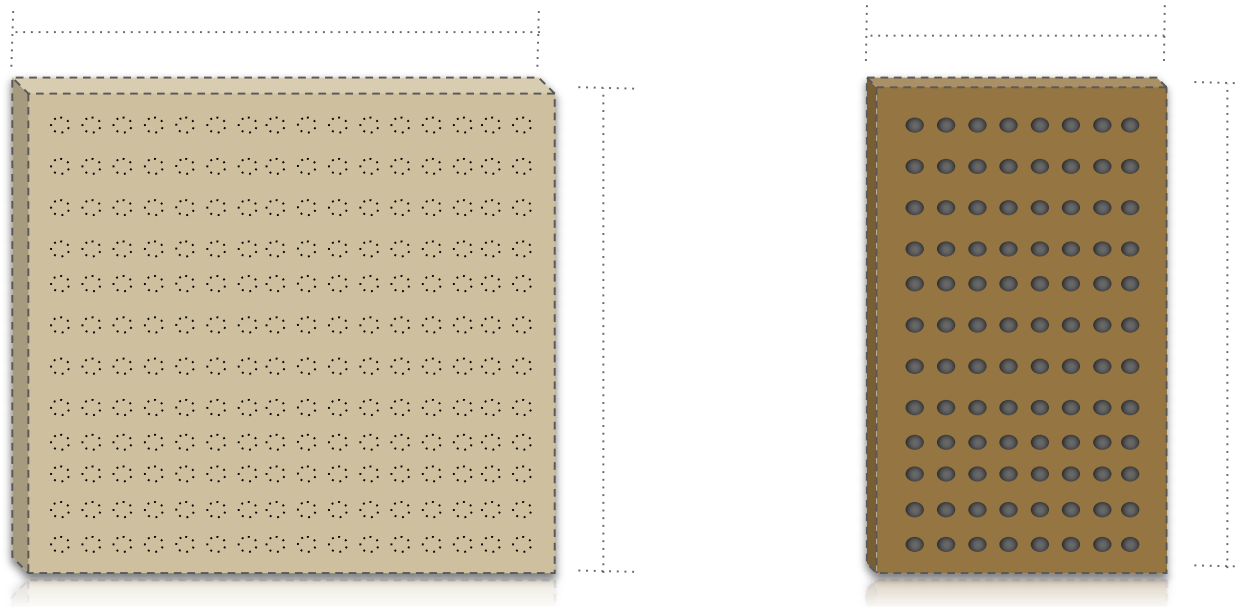
## Finish & Colour

A range of acoustic timber panels with varying surface choices including perforated, micro perforated, slatted and slotted and the bespoke option. These can be finished using real wood veneers, wood print laminates and paint finished.

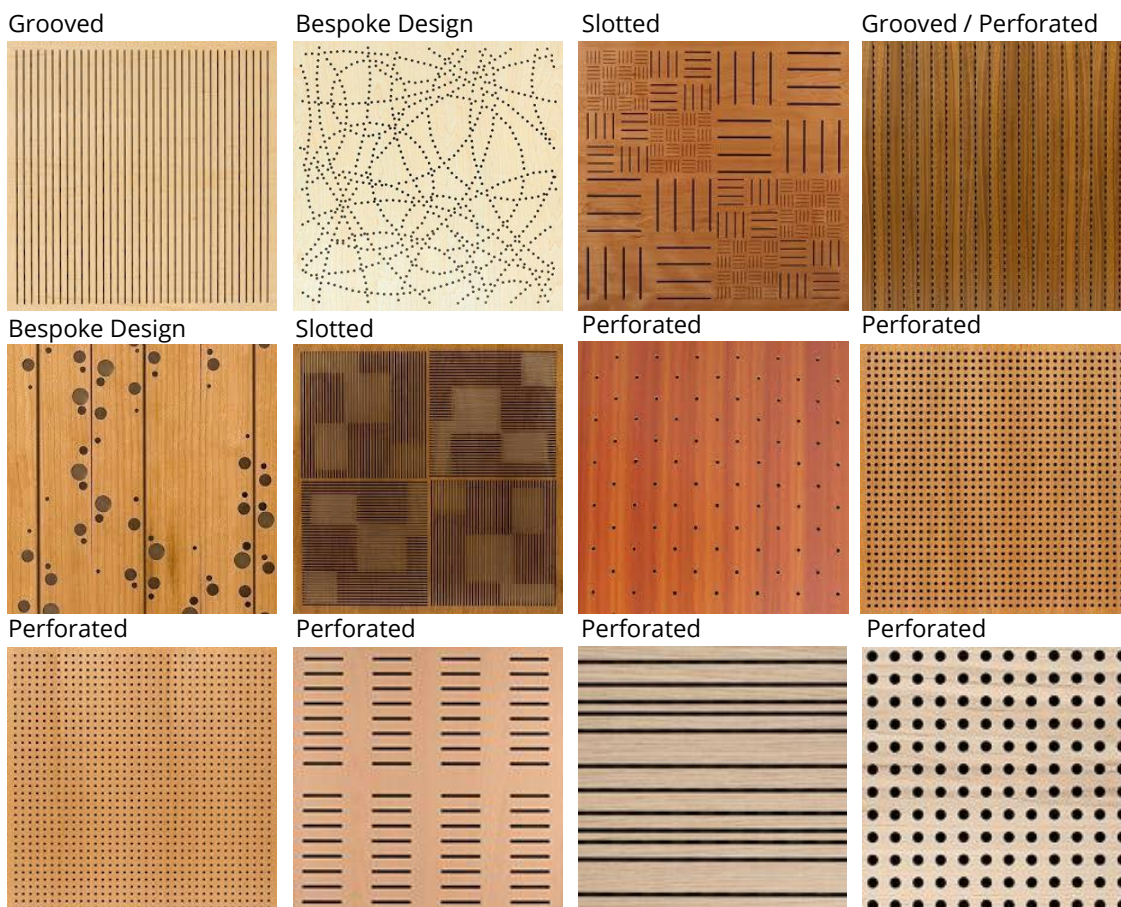


## Available Wood Finishes





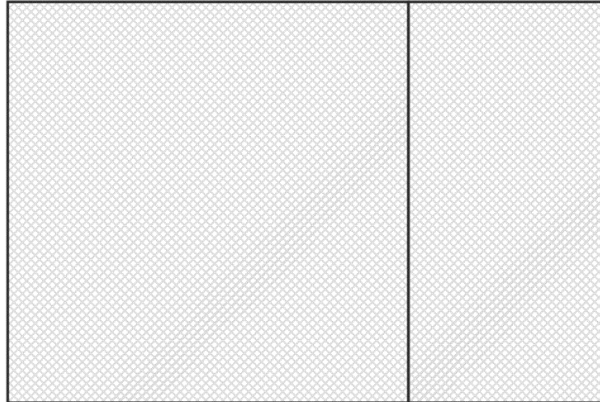
**Woodtec Style Examples**



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.

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## 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

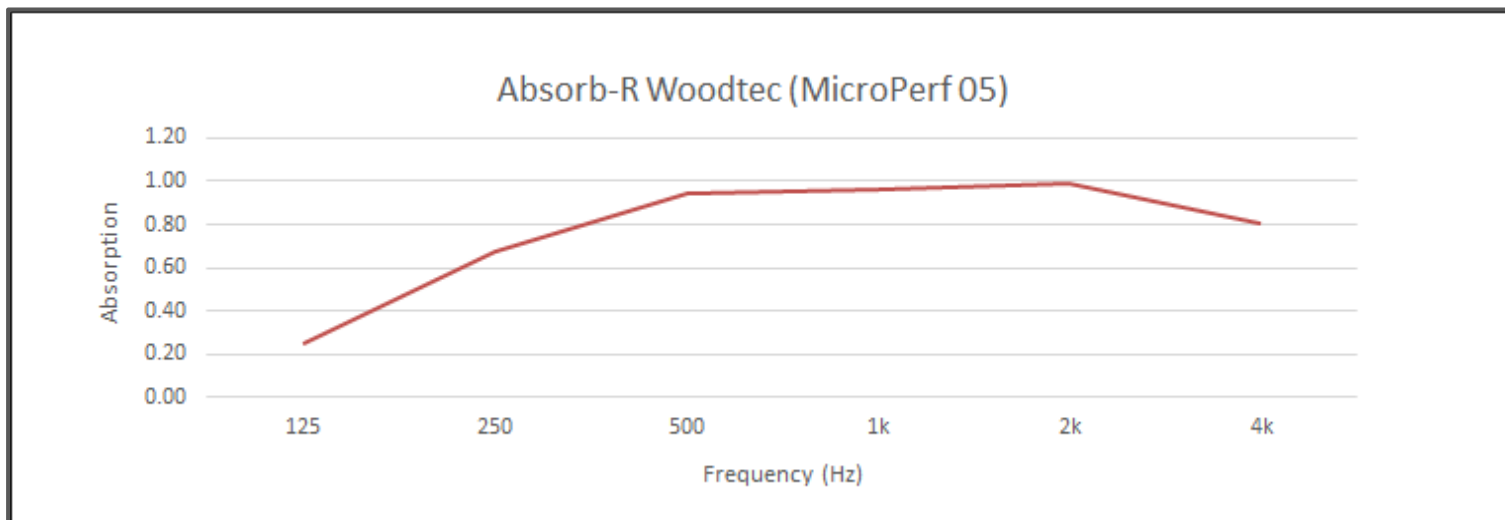
Our standard panels meet BS476 Class 3 fire rating however upon request can meet the requirements of BS476: Part 6 & Part 7: 1987 surface spread of flame. Class '1' & Class '0' subject to minimum order quantity and a marginal increase in lead time.

## Availability

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**Acoustic Performance Data**

Product Type	Sound Absorption Coefficient (tested in situ under site specific conditions)									(In accordance with BS EN ISO 11654-1997) <b>Building Regulations Absorber Classification</b>
	125	250	500	1k	2k	4k	$\alpha_w$	NRC	Absorption Area (m <sup>2</sup> )	
<b>Woodtec</b> MicroPerf05 (With air gap of 5cm and 4cm of mineral fibre)	0.25	0.67	0.94	0.96	0.99	0.80	0.95	<b>0.92</b>	0.36	<b>A</b>



**Product Weight and Dimensions**

Dimensions	Height (mm)	Width (mm)	Thickness (mm)	Nominal Weight of Panel (Kg)
	600	600	12	3.15

*Bespoke sizes available to design and to suit client requirements. Further information available on request.*

