

TIMBASORB

A NEW world first development for noise absorption panels.

TIMBASORB brings the latest technology in reconstituted timber veneers together with unique construction, lightness and the use of 100% recyclable polyester fibres including the use

of over 70% recycled fibres to produce an acoustic panel with outstanding looks and features.

TIMBASORB panels are also one of the most eco friendly products available.

World leading technology incorporating vertical fibre orientation is a feature of **TIMBASORB**

acoustic panels making them stiff, strong and with very high acoustic absorption properties.

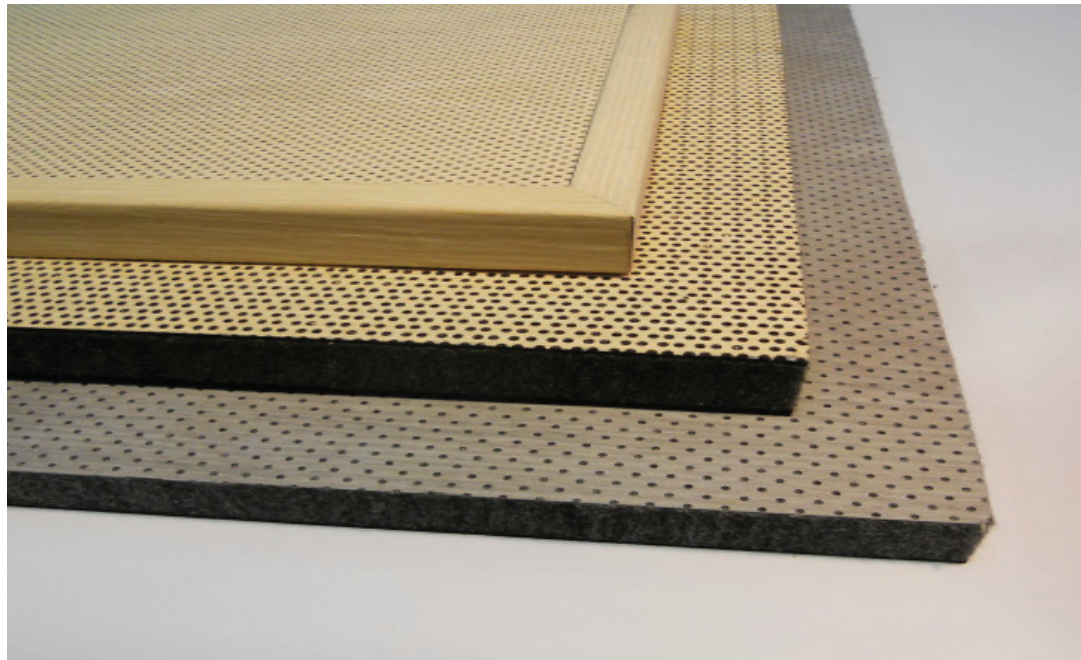
TIMBASORB panels offer the ability to be cut to size on site and together with a number of unique matching trim options offers flexibility normally not available.

TIMBASORB panels come in an extensive range of veneer colours

Together with our (Patent applied for) magnetic mounting systems **TIMBASORB** panels are easy to install on most surfaces without the need for additional structural support and can be easily repositioned or removed if required.

Timbasorb panels are used in many applications including

- Restaurants,
- Auditoriums,
- Recording and Music Studios
- Commercial and Home theatres
- Offices and meeting areas
- and many other places.



TIMBASORB

Sound Absorption (Test in the Reverberation Room)
SOUND ABSORPTION COEFFICIENT

Frequency Hz	Sorbalight Timasorb	
	30mm Thick	50mm Thick
125	0.21	0.31
160	0.33	0.39
200	0.38	0.48
250	0.45	0.57
315	0.50	0.68
400	0.53	0.78
500	0.78	0.88
630	0.78	0.98
800	1.04	1.06
1000	1.04	1.12
1250	0.97	1.16
1600	0.96	1.16
2000	0.97	1.13
2500	0.92	1.09
3150	0.87	1.01
4000	0.90	0.95
NRC	0.80	0.95

FLAMMABILITY PROPERTIES

MATERIAL	MVSS-302	AS1530.3			
		Tested in February 2006			
	Self Extinguishing	Igniteability	Spread of Flame	Heat Evolved	Smoke Develope
Timbasorb	0	0	2	4	

MISCELLANEOUS PROPERTIES

MATERIAL	REC. MAX SERVICE TEMP	THERMAL CONDUCTIVITY	MOISTURE ABSORPTION
Sorbalight Timbasorb	110 C Continuous	0.038 W/mK	<0.03% by Vol. At 50C 90% RH (for 4 days or more)

TOXICOLOGY/HEALTH AND SAFETY

Sorbalight is completely non-toxic and safe to handle without protective clothing or respiration apparatus. Standard panel sizes are available as well as custom sizes. Please see our website for details.

Note:

- Specifications subject to change without notice
- The data listed in this data sheet are typical or average values based on tests conducted by independent laboratories or by the manufacturer.
- They are indicative only of the results obtained in such tests and should not be considered as guaranteed maximums or minimums. Materials must be tested under actual service to determine their suitability for a particular purpose.