

INTERIOR  
ARCHITECTURAL  
ACOUSTICS





# PANEL PERFORMANCE

## TAVILINE™ - Linear Grooved Acoustic Panels

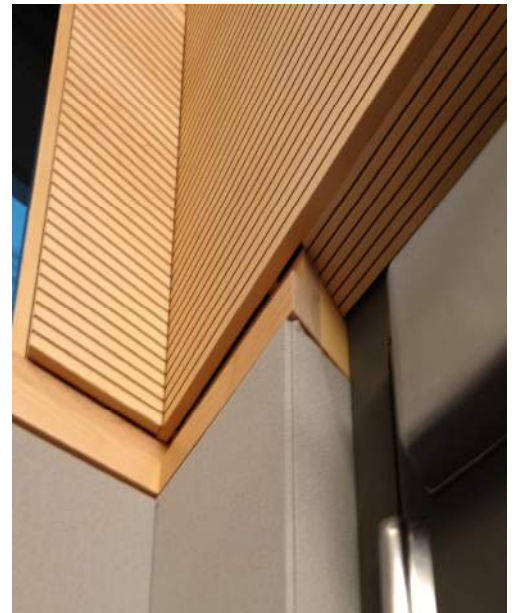


P13/3

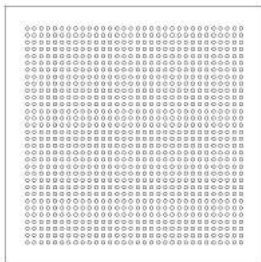
**P**(Linear) **13**(Width of strip) / **3**(Width of groove) – **16**(Spacing of rear perforations)

15mm / 18mm

- TAVILINE P5/3 – 16 V - ACOUSTIC VALUE - NRC 0.70
- TAVILINE P13/3 – 16 - ACOUSTIC VALUE - NRC 0.94
- TAVILINE P13/3 – 32 - ACOUSTIC VALUE - NRC 0.80
- TAVILINE P29/3 – 16 - ACOUSTIC VALUE - NRC 0.77
- TAVILINE P29/3 – 32 - ACOUSTIC VALUE - NRC 0.58



## TAVINEL™ - Circular Perforated Acoustic panels



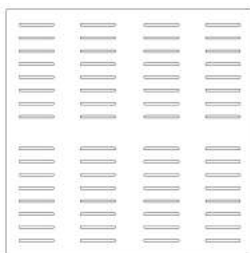
**D**(Round) **6**(Diameter) / **16**(Spacing of circular perforations)

12mm / 15mm / 18mm

- TAVINEL D8 / 16 - ACOUSTIC VALUE - NRC 0.71
- TAVINEL D8 / 32 - ACOUSTIC VALUE - NRC 0.32



## TAVINEL™ - Slotted Perforated Acoustic panels



**R**(Slot) **C**(Short) **6**(Width of slot)

12mm / 15mm / 18mm

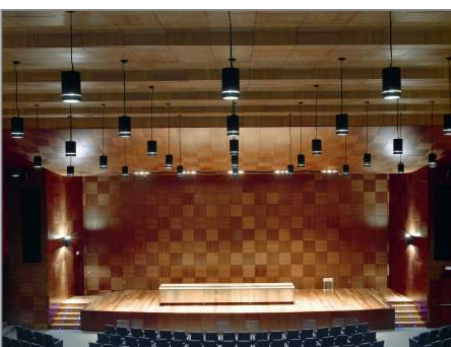
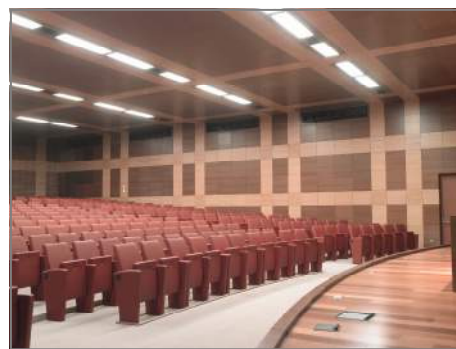
- TAVINEL RC6 - ACOUSTIC VALUE - NRC 0.74
- TAVINEL RL6 - ACOUSTIC VALUE - NRC 0.82





# PROJECTS

- Auditoria
- Lecture theatres
- Conference Centres
- Music Academies
- Concert Halls
- Multipurpose Rooms
- Sports Complexes
- Studios

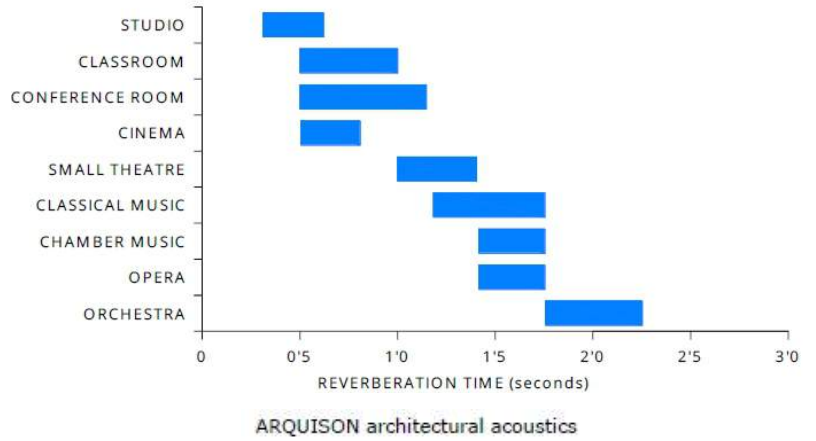


We manufacture acoustic panels and structures for all types of venues.

We can design and construct unique systems for each project whether it be curved elements, 3D ceilings or intricate Pythagorean triangles and with obtuse, oblique and acute angles.

## International Projects

- Ireland
- Belgium
- Kuwait
- Saudi Arabia
- Spain
- United Kingdom

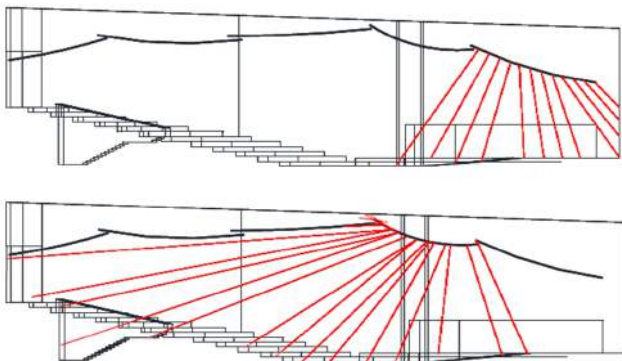
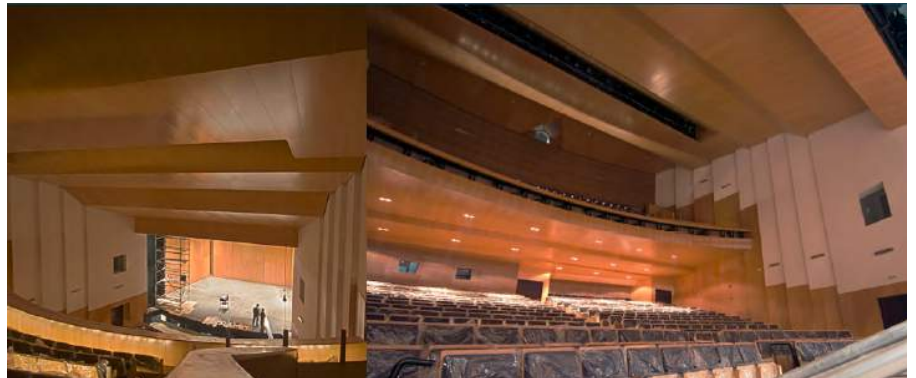
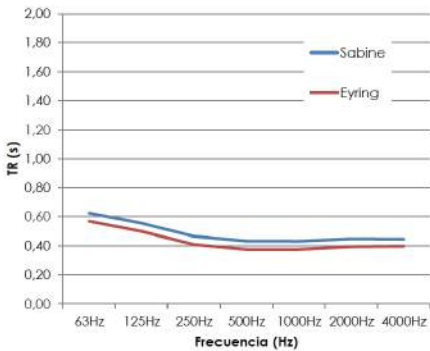


# ACOUSTICS

Acoustic Study  
 Computer Modelling  
 Auditorium Design  
 Treatment Selection  
 Rendering  
 Certification

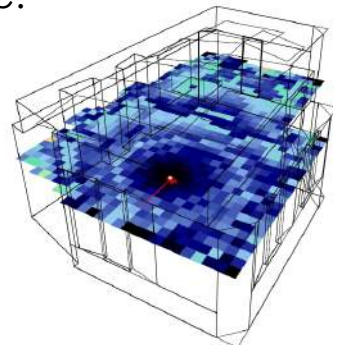
## IDEAL MID-FREQUENCY REVERBERATION TIMES ( seconds )

STUDIO	0.4 – 9.6 s
CLASSROOM	0.5 – 1.0 s
CONFERENCE ROOM	0.5 to 1.2 s
CINEMA	0.5 to 0.75 s
SMALL THEATRE	1.0 to 1.5 s
CLASSICAL MUSIC	1.2 to 1.75 s
OPERA	1.4 to 1.75 s
ORCHESTRA	1.75 to 2.25 s



The room is the conclusive instrument in the sequence of tools to convey the sound and thus plays crucial importance.

Working with our acoustic partners, ARQUISON, we have been involved in the acoustical field for many years and we design, test and advise on the suitability of acoustic products for treatment.





# MANUFACTURING

European production  
Quality assurance  
Sustainable material sources



Specialist Manufacturers  
Experienced Technicians  
Solution Minded Approach  
3D Structure & Curved panels experts



## FSC CERTIFIED

Using FSC / PEFC certified substrate and veneers when required.

The production facility and manufacturing methods also play a part, using environmentally safe lacquers and finishes, minimizing the solvent use where possible.



FSC Certified A000522

SGS - COC - 010358

## REACTION TO FIRE



Manufacturing with fire rated core and finishes following the highest European norms & according to UNE-EN 13501 1:07 Standards - 'Classification of performance against fire of construction products and building elements'.

Euro Classes - Bs2d0 / Cs2d0

Tests by AIDIMA & Certified by **Applus+**



### INTERNATIONAL SALES

IRISH OPERATIONS  
SML Woodcom Ltd.  
Unit 23, Parkroe Estate  
ARDNACRUSHA,  
Co. Clare  
**IRELAND**

### MANUFACTURING

SPANISH OPERATIONS  
Woodcom Global S.L.  
Calle Londres Parcela 8  
Poligono industrial Valldepins  
43550 Ulldecona (Tarragona)  
**SPAIN**

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