

## Benefits of Using LIGNO ACOUSTIC LIGHT Solid Timber Room Acoustics Panels

- Lower reverberation times and absorb echoes, to significantly improve speech clarity & intelligibility
- Reduce background noise to enhance sound quality and room acoustics
- Vapour-open natural timber panels which can absorb water vapour to provide a healthy environment
- Will not warp over time as manufactured from cross laminated timber (CLT)
- Sustainable and ecological panels made from natural materials – 'natureplus' certified
- Timeless appeal due to natural timber finish, but can be painted or lacquered if required
- B-s2,d0 (Class 0), C-s2,d0 (Class 1) and D-s2,d0 (Class 3) options available for Surface Spread of Flames
- Suitable for both domestic and commercial use, and can be used on walls or ceilings
- The 'Sports' option is specifically designed to absorb impacts on walls from ball games
- Several options of panel finishes available



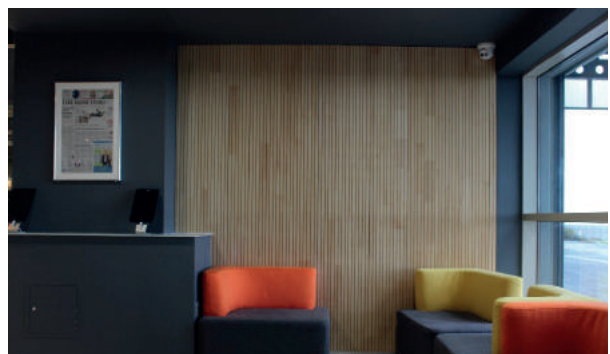
**ARCADIA NURSERY, EDINBURGH**  
Photograph by Angus Bremner©: 625-12-4



**LOCH EARN LEISURE PARK, SCOTLAND**  
625-18n38-6 Solid Oak Panels



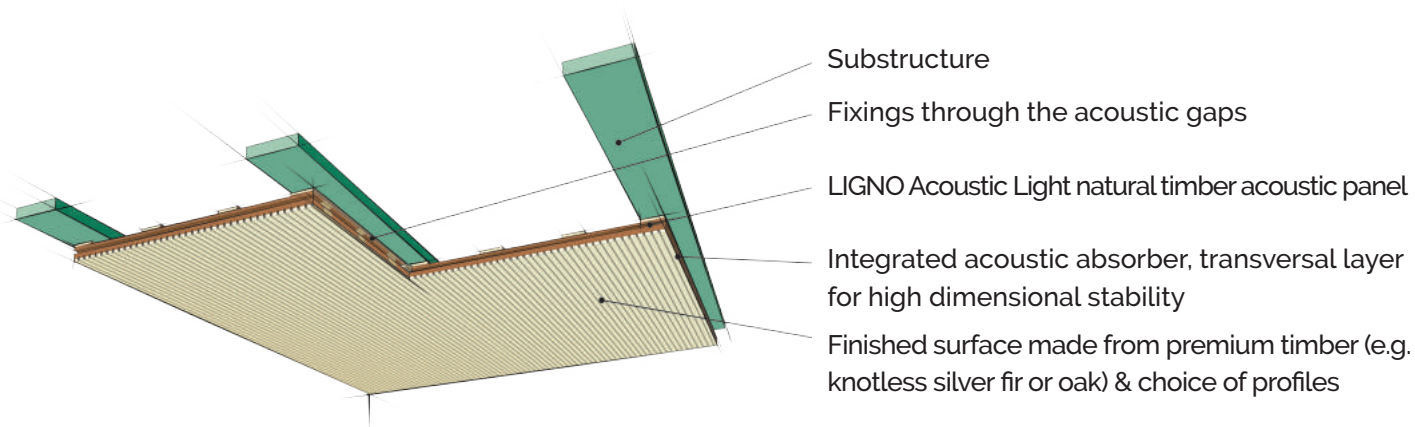
**PRIVATE HOUSE, DUBLIN**  
625-12-4 Panels with White Lacquer W10L



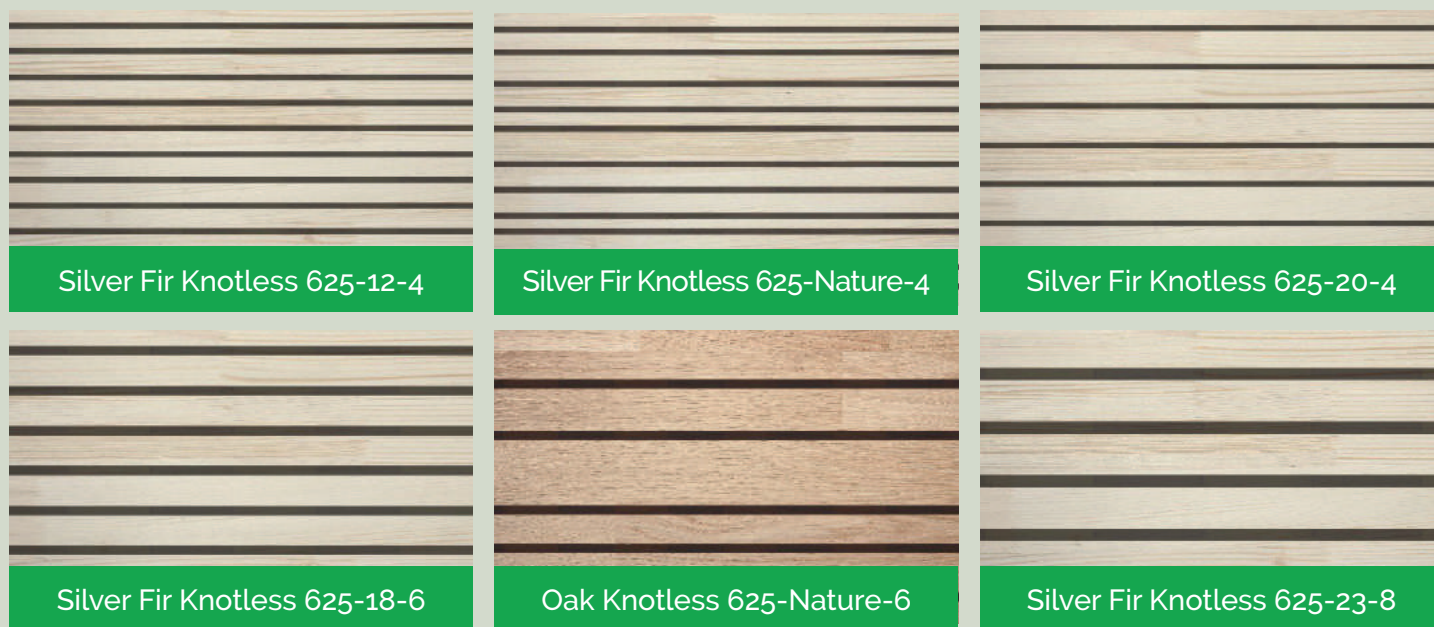
**EXPLORIUM NATIONAL  
SCIENCE & SPORT CENTRE, DUBLIN**  
625-20-4 Panels

# Natural Timber Acoustic Panels

## Types 3S-33 / 3G-33 Installation on wood substructure



### Profiles available in Knotless Silver Fir and Knotless Oak Natural Timber Panel Size: 33mm thickness. 2940 x 625mm LxW



LIGNO Acoustic Light 3S-33 625-12-4 Absorption Panels	Direct to Solid Timber - No Cavity	Installation on Battens (30mm Deep) with no Insulation	Installation on Battens (30mm Deep) with 30mm Mineral Wool Insulation in Cavity	Suspended Installation (100mm Deep) with no Insulation	Suspended Installation (100mm Deep) with 30mm Mineral Wool Insulation in Cavity
Evaluated Absorption Coefficient $\alpha_w$ EN ISO 11654	0.40	0.60	0.90	0.80	0.85
Absorption Class	D	C	A	B	B