



VERTICAL SECTION



PLAN SECTION

The ECO-SEE internal panel is made up of a softwood timber frame. In new buildings internal panels may be prefabricated as either open or closed elements. For installations in both new and retrofit projects the final finish will be installed in-situ once the building is weather tight and risk of surface damage is low.

Name of product	ECO-SEE internal wall panel	
Function of product	Internal timber frame wall panel	
Form	Pre-fabricated/in-situ panel	
Elements		
1. ECO-SEE wall liner. There are three liner finishes; Photocatalytic Lime, Clay, Photocatalytic Timber Boards.		
2. The internal panels use enhanced Sheep's Wool insulation for acoustic separation. This inner blanket helps to buffer humidity and to degrade VOCs, which permeate through the vapour permeable liners.		
Structures and construction		
Dimensions of product	Panel sizes vary to suit building design and openings for doors. Example panel size 0.1 x 2.6 x 4.5m.	
Acoustic properties		
Sound reduction index	dB	47dB depending on liner solution used.
Fire Safety		
Reaction to fire	Lime and clay finishes provide a non-combustible surface finish.	
Resistance to fire	ECO-SEE clay liner uses 9mm MgO board which has been shown to provide a 90 minute fire resistance.	
Environmental properties		
Embodied energy (% renewable)	MJ/kg	
GHG emissions	kg CO ₂ eq	