

System Data Sheet



Details

PROJECT	STOCK Panels
LOCATION	Any UK site
DISTANCE (to site)	150 km
SYSTEM	Acoustic Timber Panels
Type / Ref.	Internal Walls (Horizontal / Vertical)
QUOTE #	n/a
Species / Slats	Chestnut (solid wood slats)
Size(s)	44x19mm @ 60mm ccs
Spacing	16mm gap
Grid Type	SW battens @ 600mm ccs
CALCULATION	Panels + Grid (full) + fixings (full)

System Performance

DESIGN LIFE (approx)	60 Years
WARRANTY	30 Years
FIRE (EN13501-1) *	Class B-s2,d0 / Class C-s2,d0
ACOUSTIC (ISO 11654) *	Class C
OPEN AREA %	27%

* Approximated / Subject to Testing unless otherwise stated

Structural

MASS (/ sqm)	13.576 kg/m2
FORCE (/ sqm)	0.133 kN/m2
LOADING (/ point)	0.048 kN/pcs

Materials

Wood (organic)	65.9%
Aluminium	3.8%
Stainless Steel	1.5%
Mineral Fibre	22.7%
Fibreglass	1.2%
OTHER	4.9%

Recycled Content

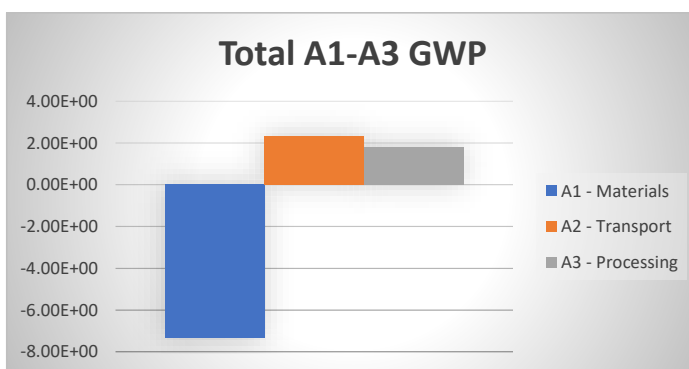
PRE-CONSUMER	14.33%
POST-CONSUMER	2.11%

Carbon Calculation

A1 - Materials	-7.33E+00	kgCO2/m2
A2 - Transport	2.30E+00	kgCO2/m2
A3 - Processing	1.81E+00	kgCO2/m2
A4 - Delivery	3.15E-01	kgCO2/m2
A5 - Installation	9.89E-01	kgCO2/m2
(B1-B7) - In Use	0.00E+00	kgCO2/m2
(C1-C4) - End of Life	1.89E+01	kgCO2/m2
D - Recycling / Recovery	-2.73E+01	kgCO2/m2

Cradle-to-Gate

(A1-A3) TOTAL	-3.22E+00	kgCO2/m2
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Cradle-to-Practical Completion

(A1-A5) TOTAL	-1.92E+00	kgCO2/m2
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Cradle-to-Grave

(A-C) TOTAL	1.70E+01	kgCO2/m2
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Cradle-to-Cradle

(A-D) TOTAL	-1.03E+01	kgCO2/m2
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