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THE GREEN BOOK



THE
FOOTPRINT
COMPANY™

BUILDING SOLUTIONS FOR ONE PLANET



AUSTRALIA'S FIRST, ON-LINE LIFE CYCLE FOOTPRINT RATESBOOK FOR CONSTRUCTION MATERIALS, ASSEMBLIES & DESIGN BENCHMARKS

We are passionate about the built environment and its contribution to the wellbeing of society. We believe that sustainability done "right" is the simultaneous delivery of economic, environmental and social gains. We seek to enable stakeholders to make sustainable decisions at the point of design and construction.

Australian construction measurement and element allocation methods are employed to enable rates to be aligned with cost planning and estimating practices for rapid optimisation assessment. Expressed simply as cradle to gate.

- Easy on-line access to embodied carbon information for construction materials & assemblies.
- Access information to speed building LCA assessments.
- ISO 14040-48 consistent & principally based on Australian LCI data (with some overseas materials).
- Updated quarterly.

Embodied carbon, energy, ecological footprint and cost now available.

SAMPLE

INTERNAL WALLS	Unit	Ecological Footprint (gm2/unit)	Embodied Carbon (tCO2/unit)	OptionSection
Hebel 100mm with glue and reinforcement	m2	0.016	0.059	Concrete
Hebel 200mm with glue and reinforcement	m2	0.024	0.09	Concrete
Precast concrete panel 50mm thick	m2	0.0251	0.093	Concrete
Concblock 90mm - hollow	m2	0.029	0.109	Concrete
Concblock 150mm - hollow	m2	0.029	0.109	Concrete
Concblock 200mm - hollow	m2	0.035	0.132	Concrete
Hebel 300mm with glue and reinforcement	m2	0.036	0.135	Concrete
RECYCLED (reo) Conc block 200mm - mortarless & reo	m2	0.055	0.205	Concrete
Concblock 200mm - mortarless standard	m2	0.08	0.295	Concrete
Concblock 150mm - core fill Sec J insulation	m2	0.084	0.311	Concrete
Concblock 200mm - core filled & reo	m2	0.094	0.348	Concrete
Precast concrete panel 175-200mm thick, Insulated	m2	0.1004	0.372	Concrete
Glazed 6.38mm lam SGU in aluminium mullions 150 x 80mm	m2	0.135	0.5	Glazed
Glazed 10.38mm lam SGU in aluminium mullions 150 x 80mm	m2	0.146	0.54	Glazed
Toughened glass 10-12mm in frameless glazing system	m2	0.162	0.6	Glazed
Toughened glass 10-12mm in aluminium framing system	m2	0.203	0.75	Glazed
Ortech (or similar) 58mm panelled wall system	m2	0.003	0.001	Other
Coolroom panels 100mm thick	m2	0.049	0.18	Other
RECYCLED (frame) Gal steel frame (90x50) 12mm p'board each side	m2	0.023	0.084	Steel

Section	Sub Sections	# Rates
Base Building Structure	Concrete / Steel / Formwork / Structure composite	167
Façade & Envelope	External walls / windows / curtain walls / sunshades / cladding	197
Internal Walls	Heavy / Light and composite walls / brick - blockwork / wall finishes	228
Floors	Resilient/ Hard / Timber / Soft / Access Floors	105
Ceilings	Framing systems / acoustic / timber / ceiling finishes	82
Doors	Multiple types	30
Services	Mech / Elec / Fire / Hydraulic / VT	38
Joinery	Various	114
FFE	Furniture / IT equipment / Consumables / Kitchen Equipment	223
Non-Building Items	External / public realm / street furniture / pavements	102
Whole Building Benchmarks	Retail / Office / Residential / Carparks	56
Fitout Benchmarks	All commodity groups	40
TOTAL		1382

