


Basket House


is a home building system that uses materials and tools entirely available from your average local DIY store. The system is based on the largest standard section of timber generally available, which are joined together to form cubes, which are joined together to build a home.


Building by shopping baskets for each cube of accommodation breaks the build into manageable chunks of work for the first time self-builder. When you are ready to start, a shopping list gives you everything you need to order to complete that cube, from wellington boots to windows!

Being based on a grid of timber cubes, the house is infinitely extendable by stacking additional cubes beside or on top of existing cubes.

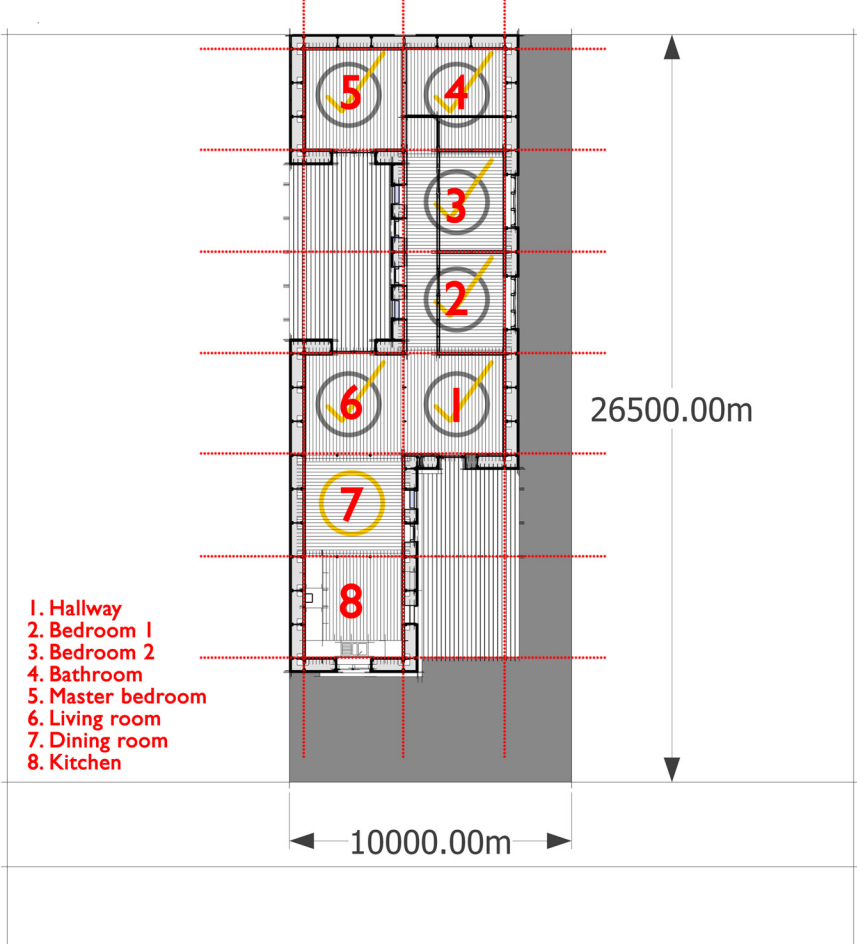


Your Basket:

 - cube in construction

 - cube complete

TOTAL: £49,926.03
(excluding VAT)
CHECKOUT



AMEND YOUR BASKET ▼	CUSTOMISE YOUR BASKET ▼	HELP AND ADVICE ▼
Move a cube	Exterior Cladding	Brochures
Add a cube	Paint Colours	Delivery options
Remove a cube	Kitchen	Build Instructions
	Bathroom	FAQs
	Soft Furnishings	
	Garden Plants	

Or find some friends and save money and energy by joining Basket Houses together...

...and why stop there...what else could you add???

Works Package	Construction Element	Materials	Labour	Total
Works Package 1	Set up, Clearance, Demolitions....	£ 105.32	£ -	£ 105.32
Works Package 2	Foundations (<i>up to DPC</i>)	£ 567.95	£ -	£ 567.95
Works Package 3	Ground Floor Slab or Suspended Floor	£ 2,669.53	£ -	£ 2,669.53
Works Package 4	Drainage & Service Trenchwork	£ -	£ -	included in 2
Works Package 5	Specialist Building System (<i>eg timber frame, SIPs, etc if applicable</i>)	£ -	£ -	n/a
Works Package 6	External & Internal Walls	£ 25,186.29	£ -	£ 25,186.29
Works Package 7	Intermediate Floor Zone (<i>if applicable</i>)	£ -	£ -	n/a
Works Package 8	Fireplace & Chimney (<i>if applicable</i>)	£ 249.17	£ -	£ 249.17
Works Package 9	Roof Structure, Insulation & Covering	£ 6,451.35	£ -	£ 6,451.35
Works Package 10	Joinery (<i>Windows, doors, stairs, skirtings...</i>)	£ 3,903.70	£ -	£ 3,903.70
Works Package 11	Specialist Products (<i>eg: Eco products...</i>)	£ 353.92	£ -	£ 353.92
Works Package 12	Electrical Installation	£ 1,000.00	£ 500.00	£ 1,500.00
Works Package 13	Plumbing Installation	£ 665.83	£ -	£ 665.83
Works Package 14	Heating Installation	£ 103.29	£ -	£ 103.29
Works Package 15	Plastering (<i>or dry-lining</i>)	£ -	£ -	included in 6
Works Package 16	Kitchen and Utility Units (<i>+ appliances</i>)	£ 2,163.22	£ -	£ 2,163.22
Works Package 17	Decorations & Wall Ceramics	£ 230.02	£ -	£ 230.02
Works Package 18	Floor Finishes	£ 2,880.00	£ -	£ 2,880.00
	TOTAL	£ 46,529.59	£ 500.00	£ 47,029.59



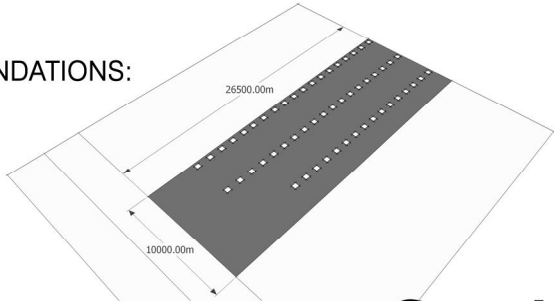
A Cost Report **must** be provided alongside your design proposals. Please use this Excel spreadsheet to summarise your estimated cost and provide this as the **first** sheet of your report.

COST ESTIMATE SUMMARY:

Our house is constructed entirely from tools and materials available from any average local DIY shop, and through methods that can be picked up easily by anybody. Equipment and materials can be procured through a series of shopping lists that will provide what is needed for each segment of the works, ordered on line or in store and delivered in bulk to site when needed. Following initial groundworks, the house is formed from a number of 3.6x3.6m cubes that each serve a function for the home. The cubes utilise 3.6m long timbers as a primary material as the longest section generally available. The cubes can be sat next to or on top of each other giving endless layout options.

below is a summary of the costs for an 8 cube, 3 bed house, clad in timber decking boards. All prices have been obtained from online DIY shops.

FOUNDATIONS:



Reduce level dig for incoming services and foundations. Retain all excavated soil on site. Lay weed membrane with layer of gravel over, position paving slabs as footings.



Tools:

SHOVEL	1	£31.98	1	£31.98 Per person
WHEELBARROW	1	£46.98	1	£46.98 Per person
GLOVES	1 PAIR	£8.48	1	£8.48 Per person
SPADE	1	£22.98	1	£22.98 Per person
WELLIES	1 PAIR	£11.98	1	£11.98 Per person
MALLET	1	£3.98	1	£3.98

Total for tools:

£126.38



Materials:

WEED CONTROL	27 X 1M	£21.98	8	£175.84
STAPLES	30PACK	£6.28	7	£43.96
GRAVEL	NATURAL 20MM BULK BAG	£39.98	9	£359.82 1 PER CUBE
PAVING SLABS	400X400X28 GREY	£2.08	49	£101.92

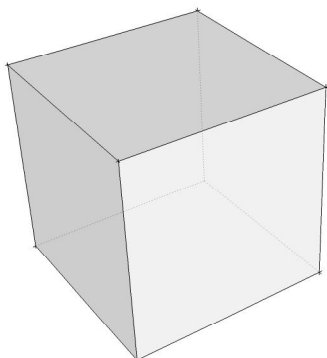
Materials total:

£681.54

FOUNDATIONS TOTAL COST:

£807.92

CUBES: The cubes floor, walls and roof are formed from panels that are constructed with 400mm deep timber I beams, made on site from timber battens, glued and screwed to plywood. These are fully filled with insulation and lined on both sides with OSB, taped internally for air-tightness. The walls are then lined internally with an additional layer of insulation before finishing, and clad externally in whatever material suits the locality. Soil excavated for foundations is retained on site and replaced on the roof of the house as a living roof or additional garden space.



Tools for constructing:

SCREWDRIVER	SET	£19.98	1	£19.98
MID-RANGE DRILL	BATTERY POWERED	£59.98	1	£59.98
SAW	VALUE	£3.98	1	£3.98
TABLE SAW		£59.98	1	£59.98
DUST MASK		£3.98	1	£3.98 Per person
LADDER	TRADE 3 WAY COMBIT LADDER (h5.92M)	£198.98	1	£198.98
SAFETY HELMET		£6.98	1	£6.98 Per person

Tools for finishing:

PLASTERING HAWK		£10.98	1	£10.98
PLASTERERS FLOAT		£6.98	1	£6.98
BUCKET		£1.00	3	£3.00
PADDLE ATTACHMENT		£7.98	1	£7.98
TROWEL		£10.48	1	£10.48
PAINT BRUSHES	SET OF 5, MID-RANGE	£12.48	1	£12.48
ROLLER AND TRAY		£7.48	2	£14.96
BRUSH TUB		£3.98	1	£3.98

Total for basic toolkit:

£424.70



1 ROOF PANEL:

Structure:

PLYWOOD SHEETS	1220 X 2400 X 18MM	£29.72	2	£59.44
TIMBERS	38 X 63 X 3800MM	£2.60	16	£41.60
SCREWS	4MM X 75MM PACK OF 200	£12.48	1	£12.48
WOOD GLUE	ADJUSTABLE CONTACT WOOD ADHESIVE	£8.18	1	£8.18
INSULATION	KNAUF ECOROLL INS 1.14X4.83X0.2M	£28.98	5	£144.90
OSB	OSB3 1220 X 2400 X 18MM	£27.74	4.5	£124.83
TAPE	10m x 48mm	£3.00	3	£9.00

Internal lining:

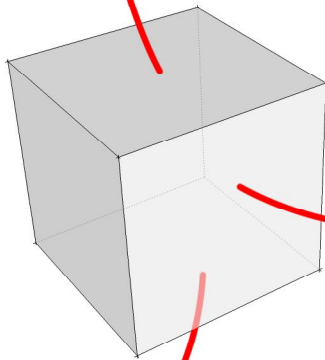
LINING TIMBERS	38 X 63 X 3800MM	£2.60	7	£18.20
PLASTERBOARD	SQ EDGE 2400 X 1200 X 12.5	£7.94	4.5	£35.73
DRYWALL SCREWS	3.5 X 30MM PACK OF 200	£3.78	1	£3.78
PLASTERBOARD JOINT TAPE	75M X 50MM	£4.00	1	£4.00
SKIM	THISTLE MULTI-FINISH	£5.96	2	£11.92
MIST COAT PAINT	WHITE MATT EMULSION 5L	£5.98	1	£5.98
FINISH PAINT	MATT EMULSION 5L (MAGNOLIA)	£13.98	1	£13.98

External cladding:

OSB LINING	OSB3 1220 X 2400 X 18MM	£27.74	4.5	£124.83
BATTENS	2.4M X38X25MM	£2.38	12	£28.56
OSB	OSB3 1220 X 2400 X 18MM	£27.74	4.5	£124.83
WATERPROOFING	DAMP PROOF MEMBRANE 4X15M	£38.98	1	£38.98
GRAVEL	NATURAL 20MM BULK BAG	£39.98	1	£39.98
ROOT BARRIER	WEED BARRIER 5X2M	£8.98	1	£8.98
SOIL	FROM EXCAVATIONS	£0.00	0	£0.00
PLANTS	OPTIONAL	£0.00	0	£0.00

Total for 1 roof panel

£860.18



1 WALL PANEL (no openings):

Structure:

PLYWOOD SHEETS	1220 X 2400 X 18MM	£29.72	2	£59.44 FOR 1 BEAN
TIMBERS	38 X 63 X 3800MM	£2.60	16	£41.60 FOR 1 BEAN
SCREWS	4MM X 75MM PACK OF 200	£12.48	1	£12.48 FOR 1 BEAN
WOOD GLUE	ADJUSTABLE CONTACT WOOD ADHESIVE	£8.18	1	£8.18 FOR 1 BEAN
INSULATION	KNAUF ECOROLL 1.14X4.83X0.2M	£28.98	5	£144.90 2 layers
OSB	OSB3 1220 X 2400 X 18MM	£27.74	4.5	£124.83
TAPE	10m x 48mm	£3.00	3	£9.00

Internal lining:

TIMBER BATTENS	38 X 63 X 3800MM	£2.60	7	£18.20
LINING INSULATION	EARTHWOOL FLEXIBLE SLAB 1200 X 600 X 50MM	£32.98	18	£593.64
PLASTERBOARD	SQ EDGE 2400 X 1200 X 12.5	£7.94	4.5	£35.73
DRYWALL SCREWS	3.5 X 30MM PACK OF 200	£3.78	1	£3.78
PLASTERBOARD JOINT TAPE	75M X 50MM	£4.00	1	£4.00
SKIM	THISTLE MULTI-FINISH	£5.96	2	£11.92
MIST COAT PAINT	WHITE MATT EMULSION 5L	£5.98	1	£5.98
FINISH PAINT	MATT EMULSION 5L (MAGNOLIA)	£13.98	1	£13.98 Other color
SKIRTINGBOARD	SW ROUNDED 3M X69X15MM	£4.99	2	£9.98
GLOSS PAINT	QUICK DRY WHITE 750ML	£8.98	1	£8.98

External cladding:

OSB LINING	OSB3 1220 X 2400 X 18MM	£27.74	4.5	£124.83
BATTENS	2.4M X38X25MM	£2.38	12	£28.56
CLADDING	REVERSIBLE DECK BOARDS 3.6M X144X28MM (SPRUCE)	£9.48	30	£284.40 Other clad
SCREWS	3.5 X 41MM OUTDOOR WOOD SCREWS (PACK OF 200)	£11.28	1	£11.28
TIMBER TREATMENT	SYR WOOD STAIN 2.5L EBONY	£29.98	2	£59.96

Total for 1 wall panel

£1,615.65

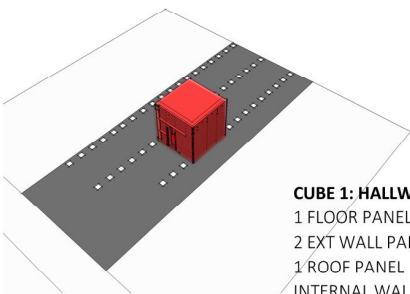
1 FLOOR PANEL:

Structure:

PLYWOOD SHEETS	1220 X 2400 X 18MM	£29.72	2	£59.44 FOR 1 BEAN
TIMBERS	38 X 63 X 3800MM	£2.60	16	£41.60 FOR 1 BEAN
SCREWS	4MM X 75MM PACK OF 200	£12.48	1	£12.48 FOR 1 BEAN
WOOD GLUE	ADJUSTABLE CONTACT WOOD ADHESIVE	£8.18	1	£8.18 FOR 1 BEAN
INSULATION	KNAUF ECOROLL 1.14X4.83X0.2M	£28.98	5	£144.90 2 layers
OSB	OSB3 1220 X 2400 X 18MM	£27.74	4.5	£124.83
TAPE	10m x 48mm	£3.00	3	£9.00 For air tight
FLOOR FINISH	Engineered oak click / sqm	£36.00	12	£432.00 Other optic

Total for floor panel:

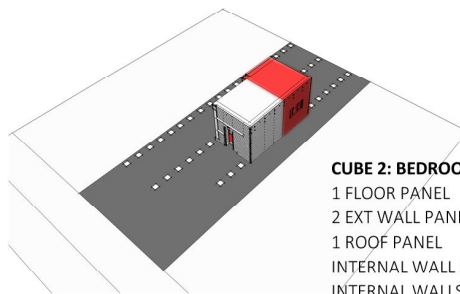
£832.43



CUBE 1: HALLWAY

1 FLOOR PANEL	£832.43
2 EXT WALL PANELS	£3,231.30
1 ROOF PANEL	£860.18
INTERNAL WALL STRUCTURE	£13.00
SW GLAZED FRONT DOOR	£89.98
DOOR NUMBERS	£6.56
LETTER BOX	£18.98

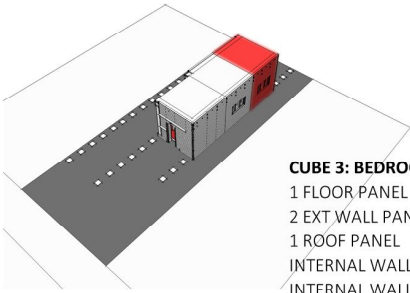
Total: £5,052.43



CUBE 2: BEDROOM 1

1 FLOOR PANEL	£832.43
2 EXT WALL PANELS	£3,231.30
1 ROOF PANEL	£860.18
INTERNAL WALL STRUCTURE	£13.00
INTERNAL WALLS	£283.05
INTERNAL DOOR	£22.98
SMALL ELECTRIC HEATER	£27.99
WINDOWS	£787.00

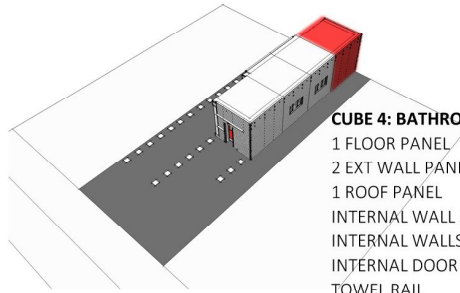
Total: £6,057.93



CUBE 3: BEDROOM 2

1 FLOOR PANEL	£832.43
2 EXT WALL PANELS	£3,231.30
1 ROOF PANEL	£860.18
INTERNAL WALL STRUCTURE	£13.00
INTERNAL WALLS	£283.05
INTERNAL DOOR	£22.98
SMALL ELECTRIC HEATER	£27.99
WINDOWS	£787.00

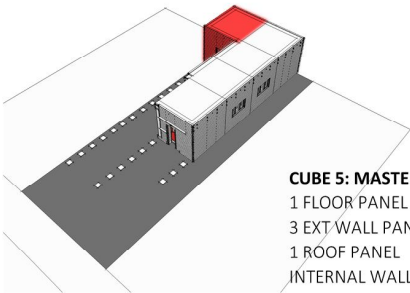
Total: £6,057.93



CUBE 4: BATHROOM

1 FLOOR PANEL	£832.43
2 EXT WALL PANELS	£3,231.30
1 ROOF PANEL	£860.18
INTERNAL WALL STRUCTURE	£13.00
INTERNAL WALLS	£188.70
INTERNAL DOOR	£22.98
TOWEL RAIL	£39.98
BATHROOM SUITE	£299.00
PLUMBING	£250.00
TILES TO WALLS	£31.14

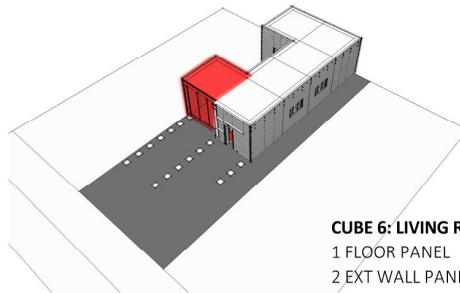
Total: £5,768.71



CUBE 5: MASTER BEDROOM

1 FLOOR PANEL	£832.43
3 EXT WALL PANELS	£4,846.95
1 ROOF PANEL	£860.18
INTERNAL WALL STRUCTURE	£13.00
INTERNAL WALLS	£283.05
INTERNAL DOOR	£22.98
SMALL ELECTRIC HEATER	£27.99
PATIO DOORS	£949.00

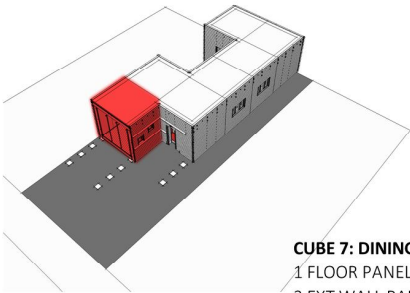
Total: £7,835.58



CUBE 6: LIVING ROOM

1 FLOOR PANEL	£832.43
2 EXT WALL PANELS	£3,231.30
1 ROOF PANEL	£860.18
INTERNAL WALL STRUCTURE	£13.00
MULTI-FUEL STOVE SKW	£299.00
PATIO DOORS	£949.00

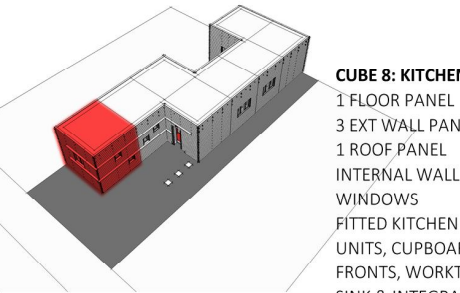
Total: £6,184.91



CUBE 7: DINING ROOM

1 FLOOR PANEL	£832.43
2 EXT WALL PANELS	£3,231.30
1 ROOF PANEL	£860.18
INTERNAL WALL STRUCTURE	£13.00
WINDOWS	£318.00

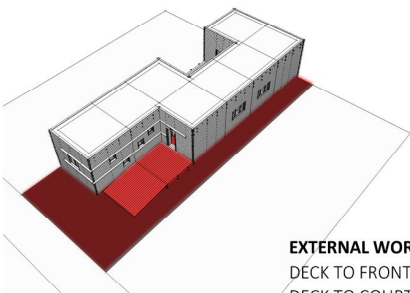
Total: £5,254.91



CUBE 8: KITCHEN

1 FLOOR PANEL	£832.43
3 EXT WALL PANELS	£4,846.95
1 ROOF PANEL	£860.18
INTERNAL WALL STRUCTURE	£13.00
WINDOWS	£687.00
FITTED KITCHEN (INC ALL UNITS, CUPBOARD/DRAWER FRONTS, WORKTOP, TAPS AND SINK & INTEGRATED APPLIANCE PACK)	£2,595.86
PLUMBING	£250.00
TILED SPLASHBACK	£244.88

Total: £10,330.30



EXTERNAL WORKS:

DECK TO FRONT DOOR	£477.07
DECK TO COURTYARD	£954.14
WHITE PICKET FENCE	£127.68
GREENHOUSE	£1,699.98
PLANTING	£1,000.00

Total: £4,258.87

TOTAL COSTS:	
FOUNDATIONS	£807.92
CUBE TOOLS	£424.70
CUBE 1	£5,052.43
CUBE 2	£6,029.94
CUBE 3	£6,029.94
CUBE 4	£5,728.73
CUBE 5	£7,807.59
CUBE 6	£5,885.91
CUBE 7	£5,254.91
CUBE 8	£10,330.30
WIRING AND ELECTRICS	£1,800.00
EXTERNAL WORKS	£4,758.87
TOTAL	£59,911.24
minus 20% VAT claimed back as self build	£9,985.21
ESTIMATED TOTAL BUILD COST:	£49,926.03