

# AutoNestCut

Developed by: Int. Arch. M.Shkeir

## CHESTNUT\_WOOD Board 1

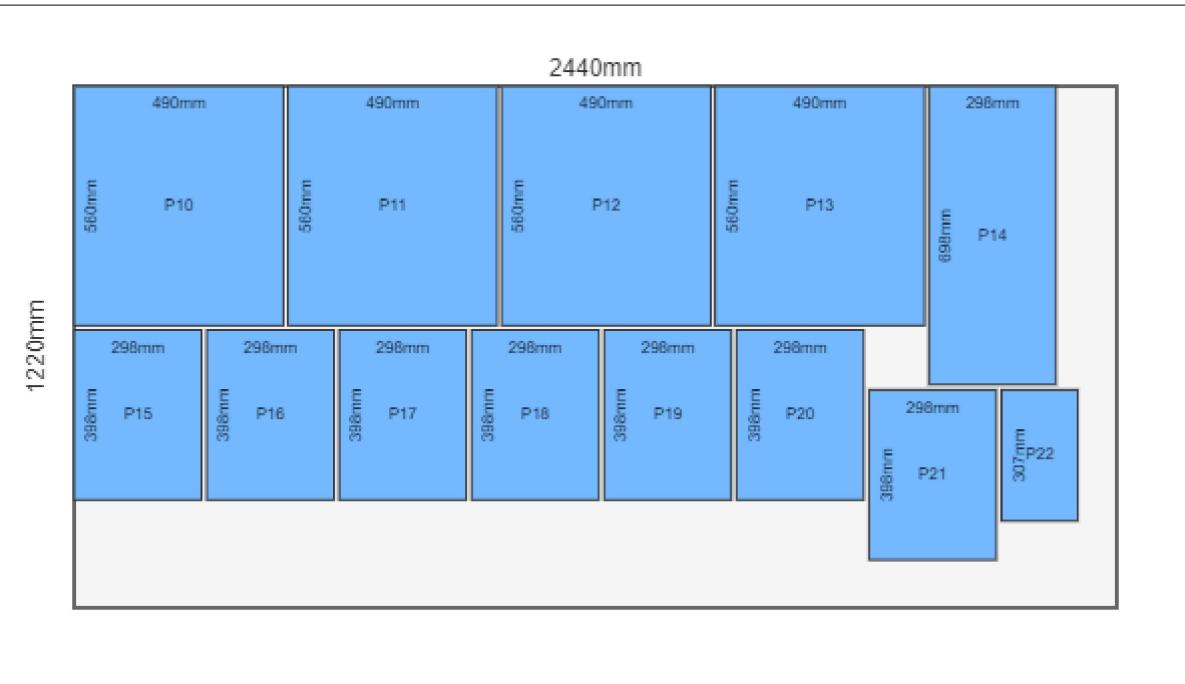
Size: 2440.0x1220.0mm

Waste: 17.0% (Efficiency: 83.0%)



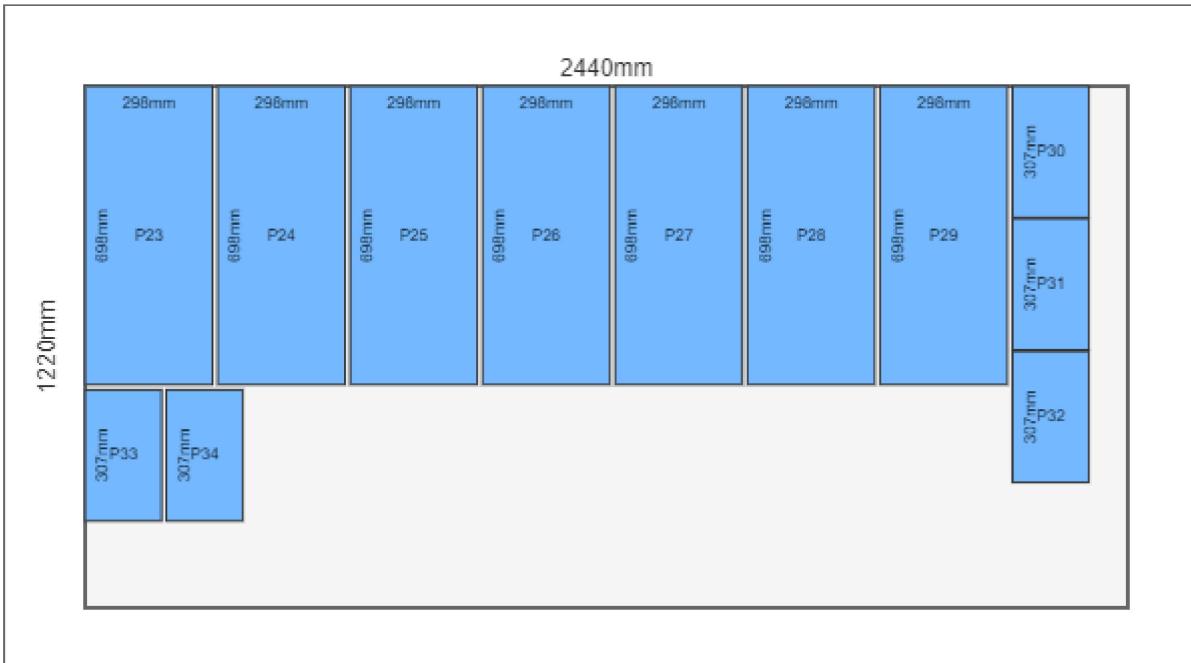
## CHESTNUT\_WOOD Board 2

Size: 2440.0x1220.0mm  
Waste: 26.4% (Efficiency: 73.6%)



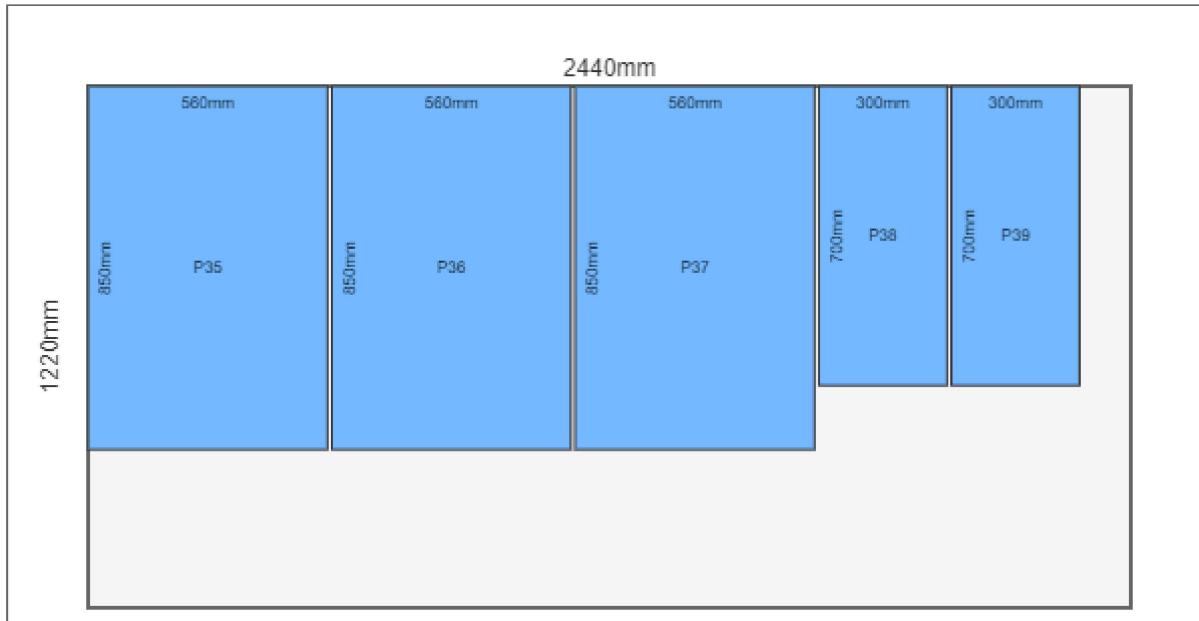
## CHESTNUT\_WOOD Board 3

Size: 2440.0x1220.0mm  
Waste: 41.9% (Efficiency: 58.1%)



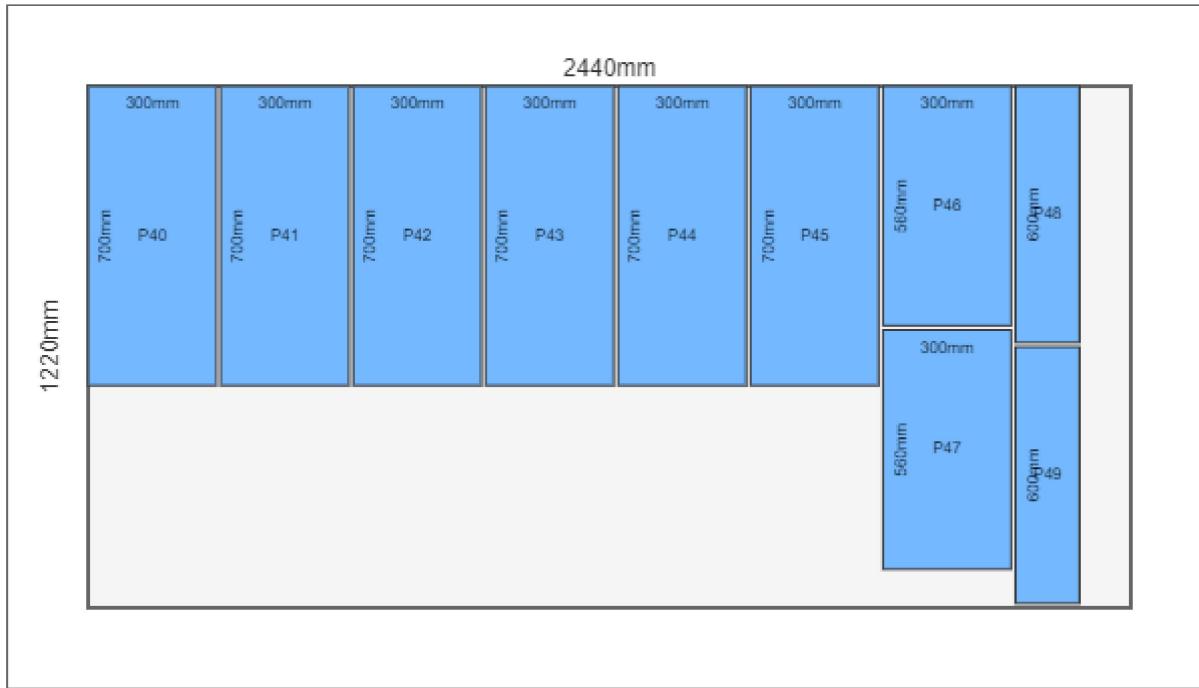
## Oak (CPRTF8) Board 4

Size: 2440.0x1220.0mm  
Waste: 37.9% (Efficiency: 62.1%)



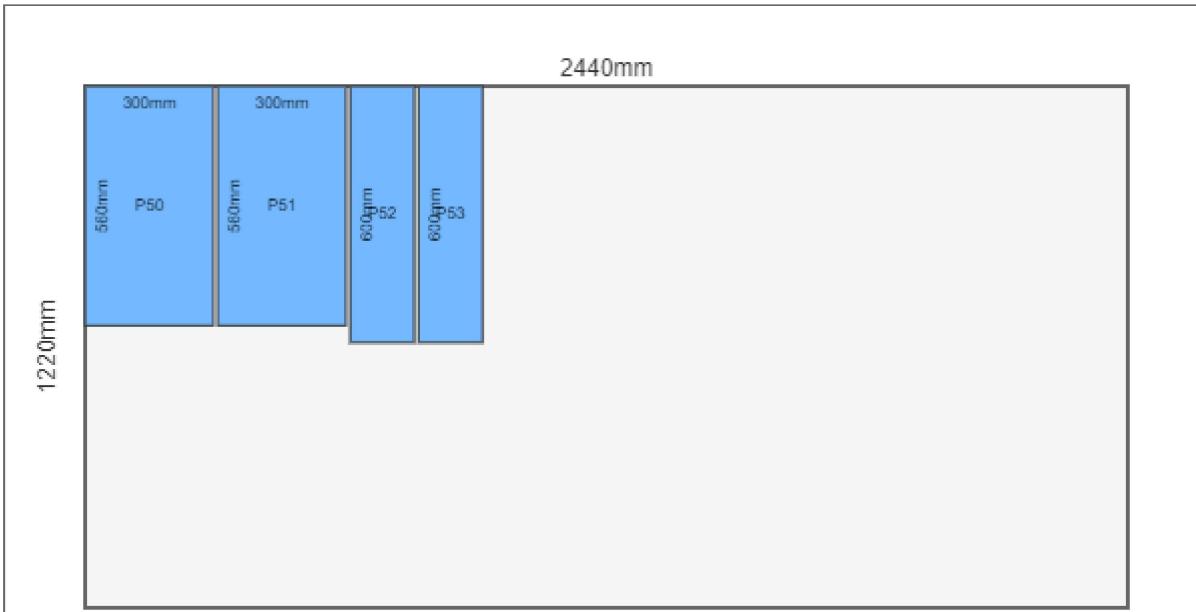
## Oak (CPRTF8) Board 5

Size: 2440.0x1220.0mm  
Waste: 40.3% (Efficiency: 59.7%)



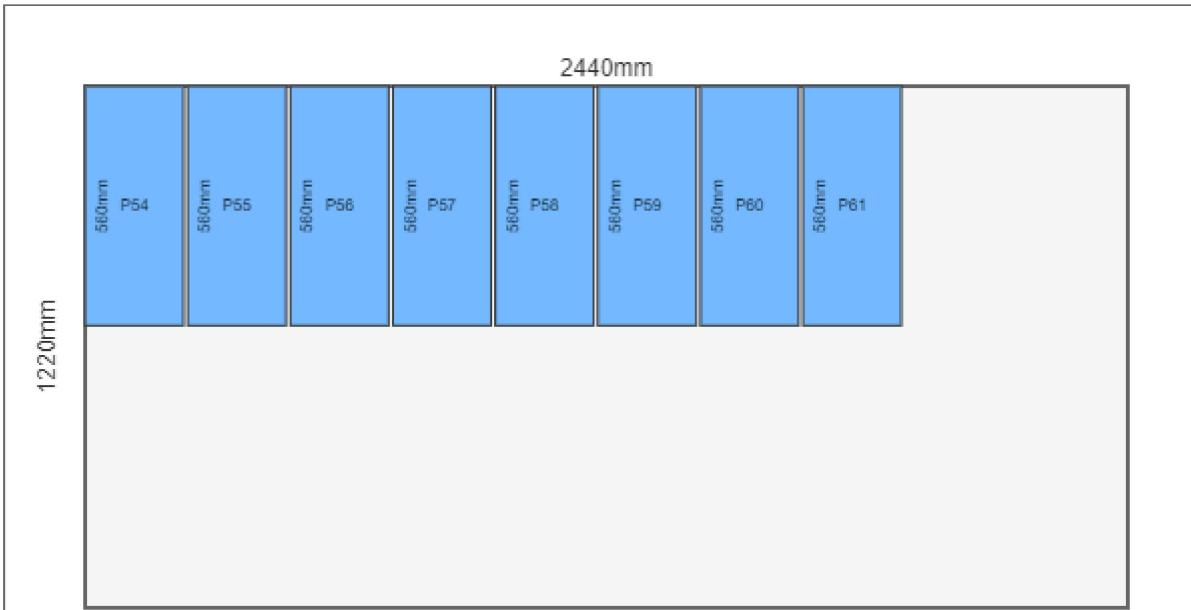
## Oak (CPRTF8) Board 6

Size: 2440.0x1220.0mm  
Waste: 82.7% (Efficiency: 17.3%)



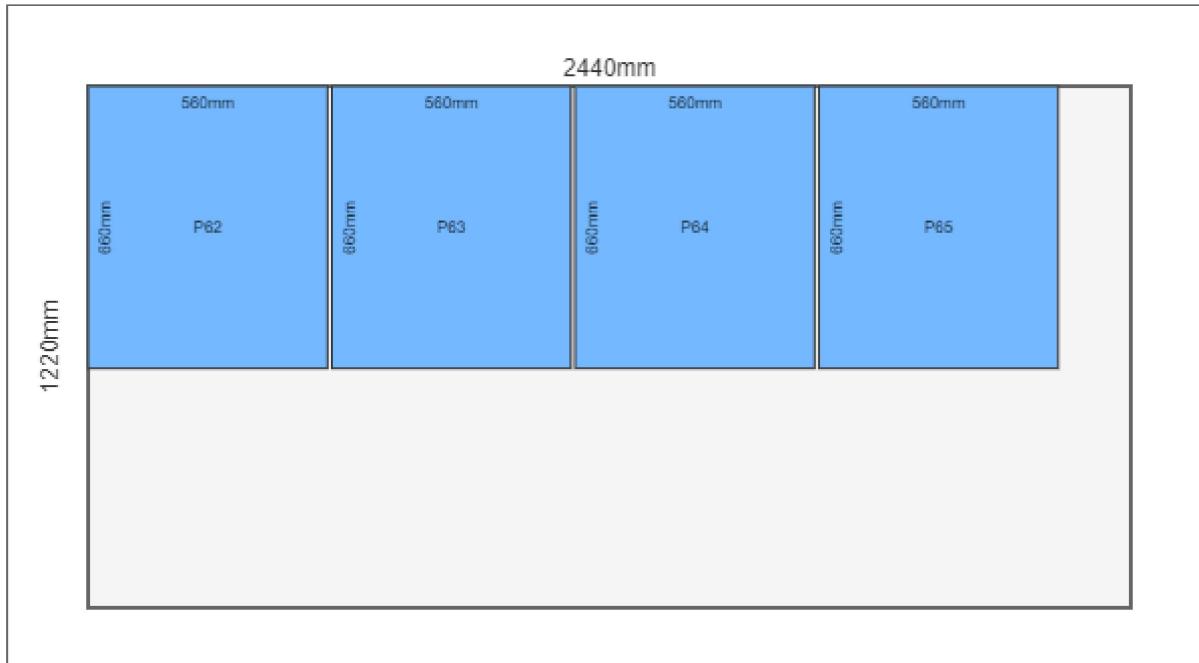
## Plywood Board 7

Size: 2440.0x1220.0mm  
Waste: 65.4% (Efficiency: 34.6%)



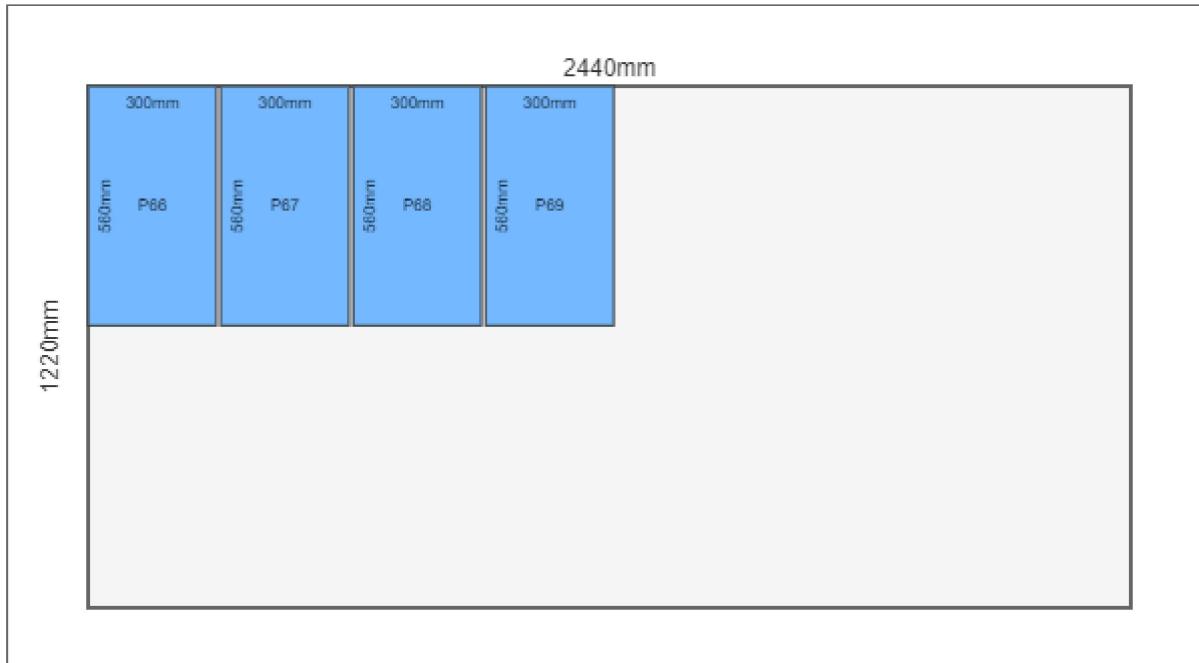
## Hardwood Plywood (4C2IOU) Board 8

Size: 2440.0x1220.0mm  
Waste: 50.3% (Efficiency: 49.7%)



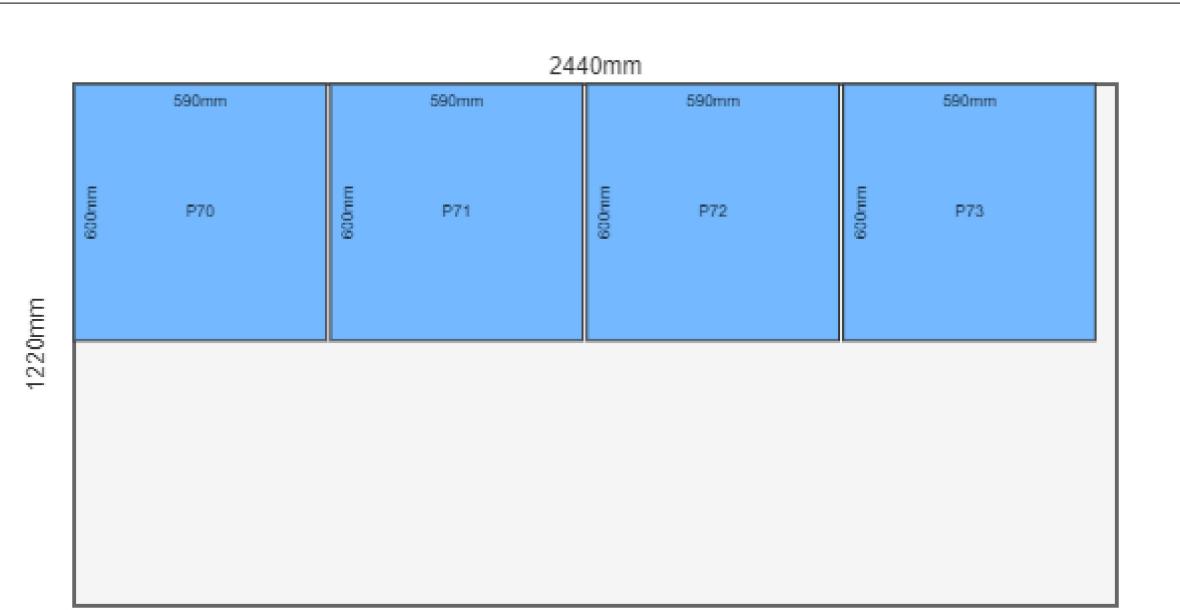
## Hardwood Plywood (4C2IOU) Board 9

Size: 2440.0x1220.0mm  
Waste: 77.4% (Efficiency: 22.6%)



## GRANITE Board 10

Size: 2440.0x1220.0mm  
Waste: 52.4% (Efficiency: 47.6%)



# AutoNestCut Report

Developed by: Int. Arch. M.Shkeir

**Project Name:**

RIO KITCHENS

**Address:**

Riyadh, Saudi Arabia

**Date:**

11/01/2025



## Materials Used



**CHESTNUT\_WOOD**

Price: \$140.00



**GRANITE**

Price: \$0.00



**Hardwood Plywood (4C2IOU)**

Price: \$0.00



**Oak (CPRTF8)**

Price: \$145.00



**Plywood**

Price: \$44.00

## Overall Summary

Metric	Value
Total Parts Instances	73
Total Unique Part Types	18
Total Boards	10
Overall Efficiency	50.82%
<b>Total Project Cost</b>	<b>\$899.00</b>

## Unique Part Types

Name	W (mm)	H (mm)	Thick (mm)	Material	Grain	Total Qty	T
Back board	560.00	660.00	20.00	Hardwood Plywood (4C2IOU)	any	4	1.
Component#4	179.00	307.00	30.00	CHESTNUT_WOOD	vertical	6	0.
CounterTop	590.00	600.00	45.00	GRANITE	any	4	1.
Facade	298.00	698.00	37.20	CHESTNUT_WOOD	vertical	4	0.
Facade2	298.00	698.00	37.20	CHESTNUT_WOOD	vertical	4	0.
Facadea	298.00	398.00	37.20	CHESTNUT_WOOD	any	4	0.
Facadeaa	298.00	398.00	37.20	CHESTNUT_WOOD	any	4	0.
Left side	300.00	700.00	20.00	Oak (CPRTF8)	vertical	4	0.
Left side2	560.00	850.00	20.00	Oak (CPRTF8)	vertical	3	1.
Lower board	300.00	560.00	20.00	Oak (CPRTF8)	vertical	4	0.
Lower board`1	560.00	560.00	20.00	CHESTNUT_WOOD	any	4	1.
Plinth``1	150.00	600.00	20.00	Oak (CPRTF8)	vertical	4	0.
Right side	300.00	700.00	20.00	Oak (CPRTF8)	vertical	4	0.
Shelf 1	230.00	560.00	20.00	Plywood	vertical	4	0.
Shelf 1`1	490.00	560.00	20.00	CHESTNUT_WOOD	any	4	1.
Shelf 2	230.00	560.00	20.00	Plywood	vertical	4	0.
Shelf 2`1	490.00	560.00	20.00	CHESTNUT_WOOD	any	4	1.
Up board	300.00	560.00	20.00	Hardwood Plywood (4C2IOU)	vertical	4	0.

## Unique Board Types

Material	Dimensions	Count	Total Area (m <sup>2</sup> )	Price/Sheet	Total Cost
CHESTNUT_WOOD	2440.0 x 1220.0mm	3	8.930	\$140.00	\$420.00
GRANITE	2440.0 x 1220.0mm	1	2.977	\$0.00	\$0.00
Hardwood Plywood (4C2IOU)	2440.0 x 1220.0mm	2	5.954	\$0.00	\$0.00

Oak (CPRTF8)	2440.0 x 1220.0mm	3	8.930	\$145.00	\$435.00
Plywood	2440.0 x 1220.0mm	1	2.977	\$44.00	\$44.00

## Boards Summary

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Board#	Material	Size	Parts	Efficiency
1	CHESTNUT_WOOD	2440.0mm x 1220.0mm	9	83.00%
2	CHESTNUT_WOOD	2440.0mm x 1220.0mm	13	73.60%
3	CHESTNUT_WOOD	2440.0mm x 1220.0mm	12	58.14%
4	Oak (CPRTF8)	2440.0mm x 1220.0mm	5	62.08%
5	Oak (CPRTF8)	2440.0mm x 1220.0mm	10	59.66%
6	Oak (CPRTF8)	2440.0mm x 1220.0mm	4	17.33%
7	Plywood	2440.0mm x 1220.0mm	8	34.61%
8	Hardwood Plywood (4C2IOU)	2440.0mm x 1220.0mm	4	49.66%
9	Hardwood Plywood (4C2IOU)	2440.0mm x 1220.0mm	4	22.57%
10	GRANITE	2440.0mm x 1220.0mm	4	47.57%

## Parts Placed (Detailed)

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Unique ID	Name	Dimensions	Material	Board#
P1	Lower board`1	560 × 560mm	CHESTNUT_WOOD	1
P2	Lower board`1	560 × 560mm	CHESTNUT_WOOD	1
P3	Lower board`1	560 × 560mm	CHESTNUT_WOOD	1
P4	Lower board`1	560 × 560mm	CHESTNUT_WOOD	1
P5	Shelf 2`1	490 × 560mm	CHESTNUT_WOOD	1
P6	Shelf 2`1	490 × 560mm	CHESTNUT_WOOD	1
P7	Shelf 2`1	490 × 560mm	CHESTNUT_WOOD	1
P8	Shelf 2`1	490 × 560mm	CHESTNUT_WOOD	1

P9	Facadeaa	298 × 398mm	CHESTNUT_WOOD	1
P10	Shelf 1`1	490 × 560mm	CHESTNUT_WOOD	2
P11	Shelf 1`1	490 × 560mm	CHESTNUT_WOOD	2
P12	Shelf 1`1	490 × 560mm	CHESTNUT_WOOD	2
P13	Shelf 1`1	490 × 560mm	CHESTNUT_WOOD	2
P14	Facade	298 × 698mm	CHESTNUT_WOOD	2
P15	Facadeaa	298 × 398mm	CHESTNUT_WOOD	2
P16	Facadeaa	298 × 398mm	CHESTNUT_WOOD	2
P17	Facadeaa	298 × 398mm	CHESTNUT_WOOD	2
P18	Facadea	298 × 398mm	CHESTNUT_WOOD	2
P19	Facadea	298 × 398mm	CHESTNUT_WOOD	2
P20	Facadea	298 × 398mm	CHESTNUT_WOOD	2
P21	Facadea	298 × 398mm	CHESTNUT_WOOD	2
P22	Component#4	179 × 307mm	CHESTNUT_WOOD	2
P23	Facade	298 × 698mm	CHESTNUT_WOOD	3
P24	Facade	298 × 698mm	CHESTNUT_WOOD	3
P25	Facade	298 × 698mm	CHESTNUT_WOOD	3
P26	Facade2	298 × 698mm	CHESTNUT_WOOD	3
P27	Facade2	298 × 698mm	CHESTNUT_WOOD	3
P28	Facade2	298 × 698mm	CHESTNUT_WOOD	3
P29	Facade2	298 × 698mm	CHESTNUT_WOOD	3
P30	Component#4	179 × 307mm	CHESTNUT_WOOD	3
P31	Component#4	179 × 307mm	CHESTNUT_WOOD	3
P32	Component#4	179 × 307mm	CHESTNUT_WOOD	3
P33	Component#4	179 × 307mm	CHESTNUT_WOOD	3
P34	Component#4	179 × 307mm	CHESTNUT_WOOD	3
P35	Left side2	560 × 850mm	Oak (CPRTF8)	4

P36	Left side2	560 × 850mm	Oak (CPRTF8)	4
P37	Left side2	560 × 850mm	Oak (CPRTF8)	4
P38	Right side	300 × 700mm	Oak (CPRTF8)	4
P39	Left side	300 × 700mm	Oak (CPRTF8)	4
P40	Left side	300 × 700mm	Oak (CPRTF8)	5
P41	Left side	300 × 700mm	Oak (CPRTF8)	5
P42	Left side	300 × 700mm	Oak (CPRTF8)	5
P43	Right side	300 × 700mm	Oak (CPRTF8)	5
P44	Right side	300 × 700mm	Oak (CPRTF8)	5
P45	Right side	300 × 700mm	Oak (CPRTF8)	5
P46	Lower board	300 × 560mm	Oak (CPRTF8)	5
P47	Lower board	300 × 560mm	Oak (CPRTF8)	5
P48	Plinth``1	150 × 600mm	Oak (CPRTF8)	5
P49	Plinth``1	150 × 600mm	Oak (CPRTF8)	5
P50	Lower board	300 × 560mm	Oak (CPRTF8)	6
P51	Lower board	300 × 560mm	Oak (CPRTF8)	6
P52	Plinth``1	150 × 600mm	Oak (CPRTF8)	6
P53	Plinth``1	150 × 600mm	Oak (CPRTF8)	6
P54	Shelf 1	230 × 560mm	Plywood	7
P55	Shelf 1	230 × 560mm	Plywood	7
P56	Shelf 1	230 × 560mm	Plywood	7
P57	Shelf 2	230 × 560mm	Plywood	7
P58	Shelf 2	230 × 560mm	Plywood	7
P59	Shelf 2	230 × 560mm	Plywood	7
P60	Shelf 2	230 × 560mm	Plywood	7
P61	Shelf 1	230 × 560mm	Plywood	7
P62	Back board	560 × 660mm	Hardwood Plywood (4C2IOU)	8

P63	Back board	560 × 660mm	Hardwood Plywood (4C2IOU)	8
P64	Back board	560 × 660mm	Hardwood Plywood (4C2IOU)	8
P65	Back board	560 × 660mm	Hardwood Plywood (4C2IOU)	8
P66	Up board	300 × 560mm	Hardwood Plywood (4C2IOU)	9
P67	Up board	300 × 560mm	Hardwood Plywood (4C2IOU)	9
P68	Up board	300 × 560mm	Hardwood Plywood (4C2IOU)	9
P69	Up board	300 × 560mm	Hardwood Plywood (4C2IOU)	9
P70	CounterTop	590 × 600mm	GRANITE	10
P71	CounterTop	590 × 600mm	GRANITE	10
P72	CounterTop	590 × 600mm	GRANITE	10
P73	CounterTop	590 × 600mm	GRANITE	10