


# Cut List & Nesting Report

Professional Manufacturing Analysis  
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## Project Summary

Project Metric	Value
Total Parts	14
Unique Components	6
Material Sheets	3
Kerf Width	3mm
Material Efficiency	49.2%
Total Waste Area	4.54 m <sup>2</sup> 
Total Cost	USD 0

## Materials Used

Material Type	Sheets Required	Unit Cost	Total Cost
Blue_Glass_Shelf	1	USD 0	USD 0
Metal_Corrogated_Shiny	2	USD 0	USD 0

## Unique Part Types

Part Name	Width (mm)	Height (mm)	Thickness (mm)	Material	Grain	Qty	Area (m <sup>2</sup> )
Back Panel	2332	714	18	Metal_Corrogated_Shiny	Any	1	1.67
Base	250	750	100	Metal_Corrogated_Shiny	Any	1	0.19
Divider	2332	232	18	Blue_Glass_Shelf	Any	1	0
Glass Shelf	232	348	8	Blue_Glass_Shelf	Any	8	0.65
Side Panel	2332	250	18	Metal_Corrogated_Shiny	Any	2	1.17
Top	250	750	18	Metal_Corrogated_Shiny	Any	1	0.19

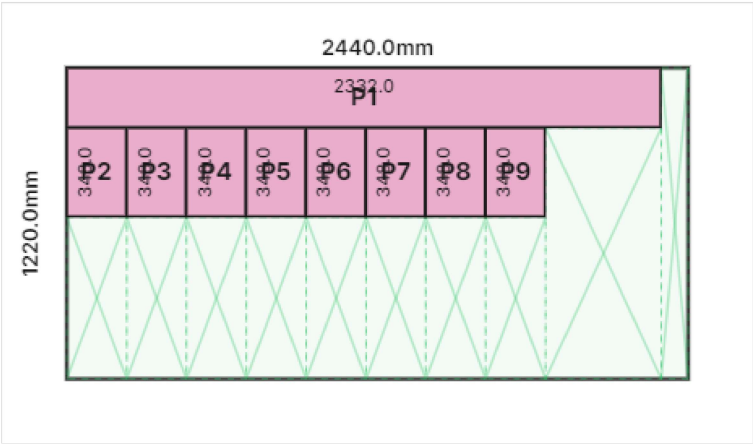
## Sheet Inventory Summary

Material	Dimensions (mm)	Count	Total Area (m <sup>2</sup> )	Price/Sheet	Total Cost
Blue_Glass_Shelf	2440 × 1220	1	2	USD 0	USD 0
Metal_Corrogated_Shiny	2440 × 1220	2	5	USD 0	USD 0

Cutting Diagrams

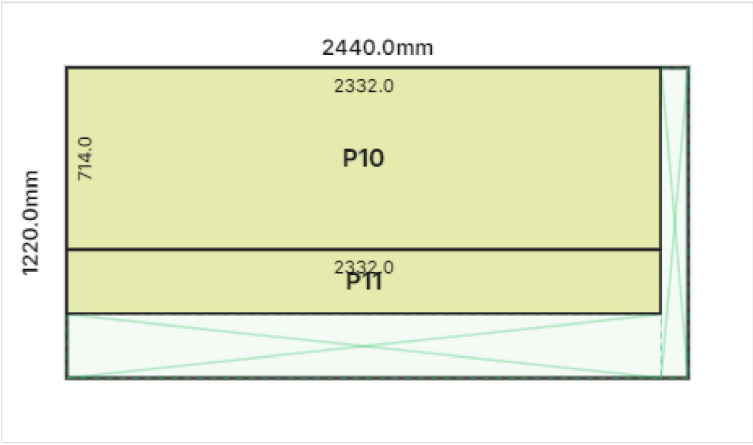
Sheet 1: Blue\_Glass\_Shelf

Efficiency: 39.9% | Waste: 60.1%



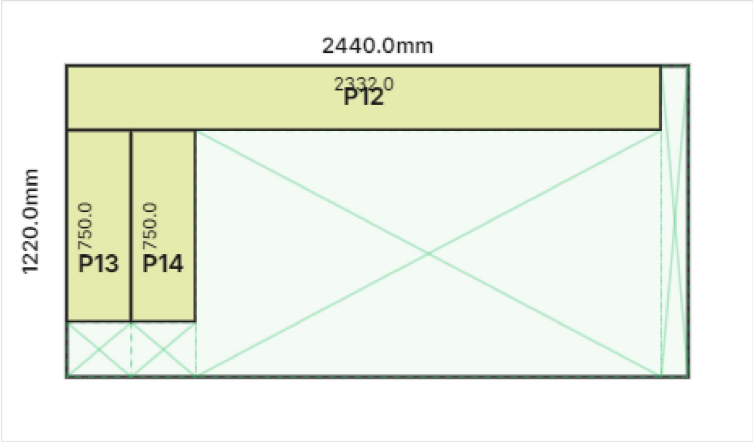
Sheet 2: Metal\_Corrogated\_Shiny

Efficiency: 75.5% | Waste: 24.5%



Sheet 3: Metal\_Corrogated\_Shiny

Efficiency: 32.2% | Waste: 67.8%

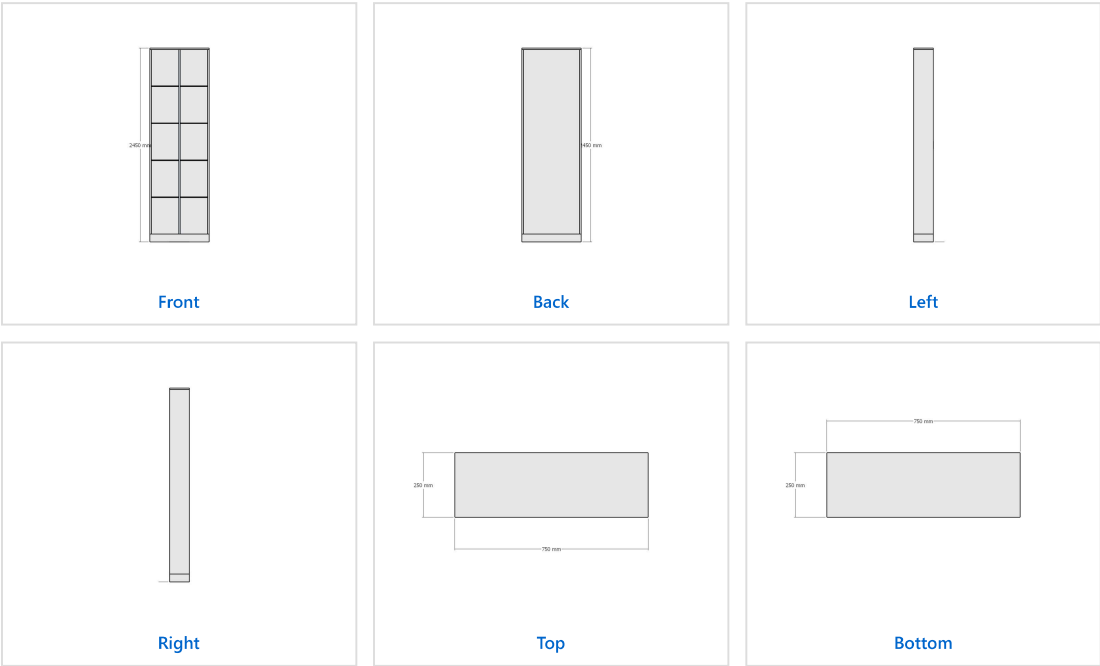


Cut Sequences

Usable Offcuts

Sheet #	Material	Estimated Size	Area (m²)
1	Blue_Glass_Shelf	1952 x 917mm	1.79
2	Metal_Corrogated_Shiny	1952 x 373mm	0.729
3	Metal_Corrogated_Shiny	1952 x 1034mm	2.019

Assembly Views



## Cut List & Part Details

Part ID	Name	Dimensions (mm)	Material	Sheet #	Grain	Edge Banding
P1	Divider	2332 × 232	Blue_Glass_Shelf	1	Any	None
P2	Glass Shelf	232 × 348	Blue_Glass_Shelf	1	Any	None
P3	Glass Shelf	232 × 348	Blue_Glass_Shelf	1	Any	None
P4	Glass Shelf	232 × 348	Blue_Glass_Shelf	1	Any	None
P5	Glass Shelf	232 × 348	Blue_Glass_Shelf	1	Any	None
P6	Glass Shelf	232 × 348	Blue_Glass_Shelf	1	Any	None
P7	Glass Shelf	232 × 348	Blue_Glass_Shelf	1	Any	None
P8	Glass Shelf	232 × 348	Blue_Glass_Shelf	1	Any	None
P9	Glass Shelf	232 × 348	Blue_Glass_Shelf	1	Any	None
P10	Back Panel	2332 × 714	Metal_Corrogated_Shiny	2	Any	None
P11	Side Panel	2332 × 250	Metal_Corrogated_Shiny	2	Any	None
P12	Side Panel	2332 × 250	Metal_Corrogated_Shiny	3	Any	None
P13	Top	250 × 750	Metal_Corrogated_Shiny	3	Any	None
P14	Base	250 × 750	Metal_Corrogated_Shiny	3	Any	None