

Cut List & Nesting Report

Professional Manufacturing Analysis
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Project Summary

Project Metric	Value
Total Parts	30
Unique Components	1
Material Sheets	6
Kerf Width	3mm
Material Efficiency	67.5%
Total Waste Area	12.86 m ² 
Total Cost	USD 1540

Materials Used

Material Type	Sheets Required	Unit Cost	Total Cost
Color M06	4	USD 245	USD 980
Material2	2	USD 280	USD 560

Unique Part Types

Part Name	Width (mm)	Height (mm)	Thickness (mm)	Material	Grain	Qty	Area (m ²)
	910	2550	10	Color M06	Any	30	26.67

Sheet Inventory Summary

Material	Dimensions (mm)	Count	Total Area (m ²)	Price/Sheet	Total Cost
Color M06	2440 × 2700	4	26	USD 245	USD 980
Material2	2440 × 2700	2	13	USD 280	USD 560

Cutting Diagrams

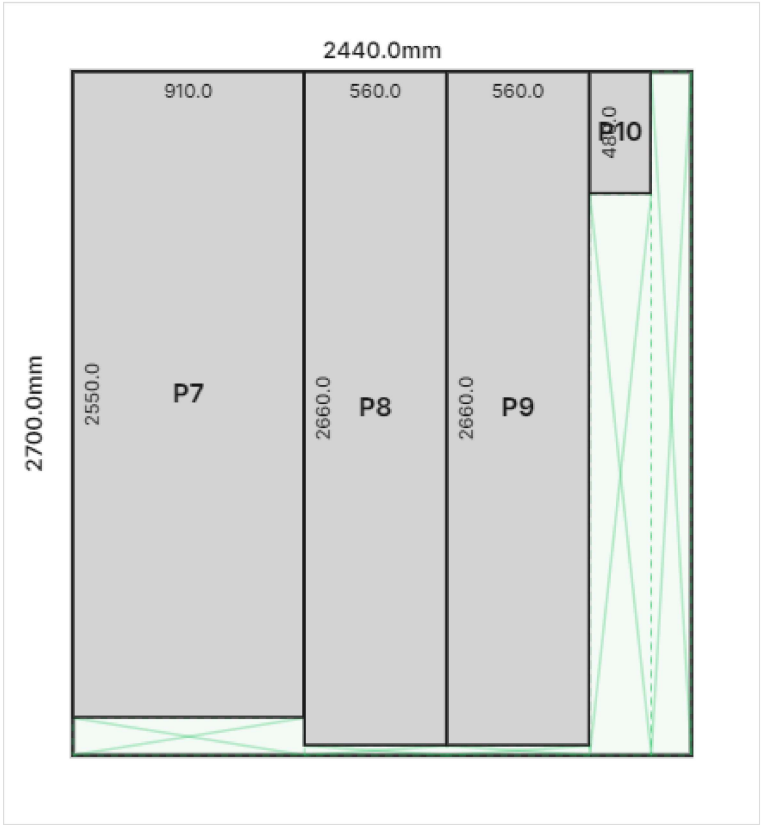
Sheet 1: Color M06

Efficiency: 95.5% | Waste: 4.5%



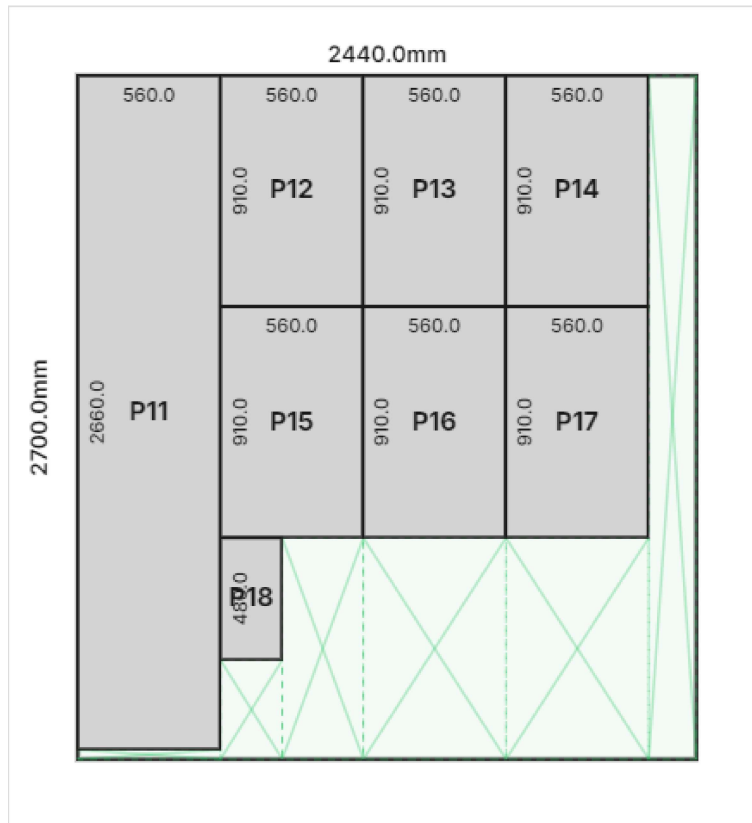
Sheet 2: Color M06

Efficiency: 82.2% | Waste: 17.8%



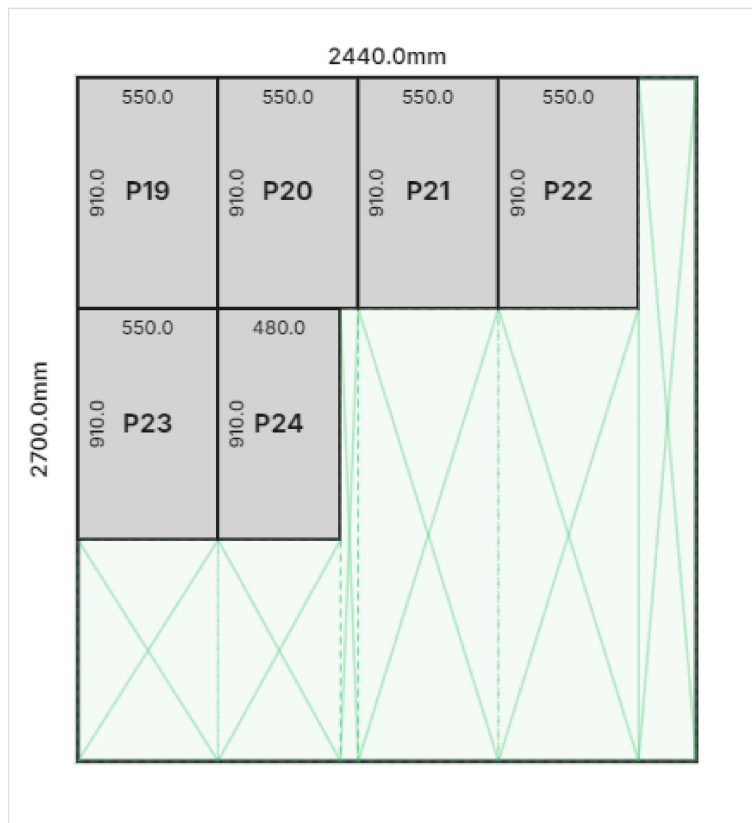
Sheet 3: Color M06

Efficiency: 70.8% | Waste: 29.2%



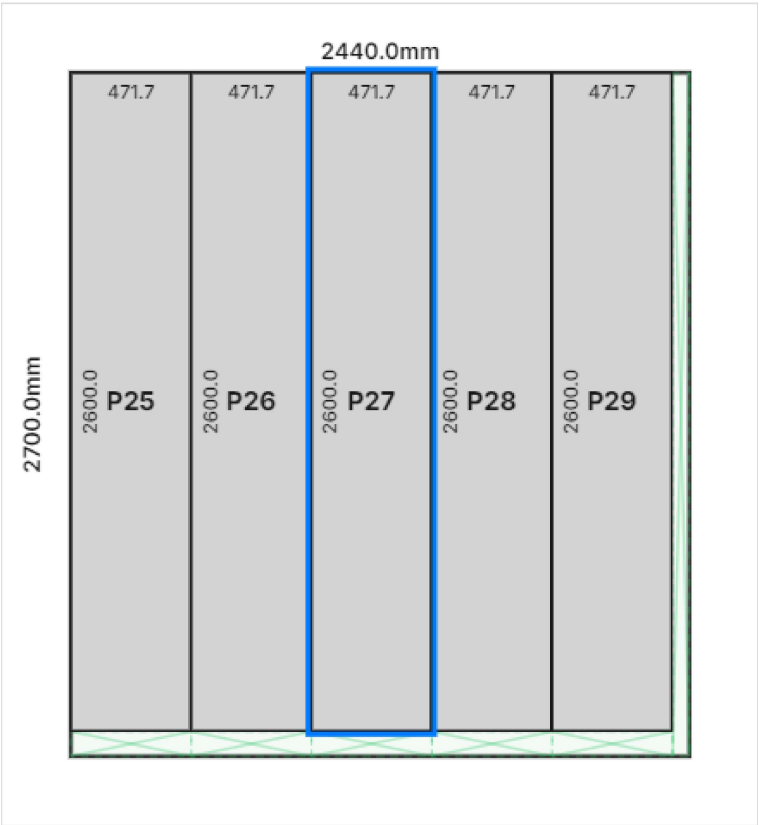
Sheet 4: Color M06

Efficiency: 44.6% | Waste: 55.4%



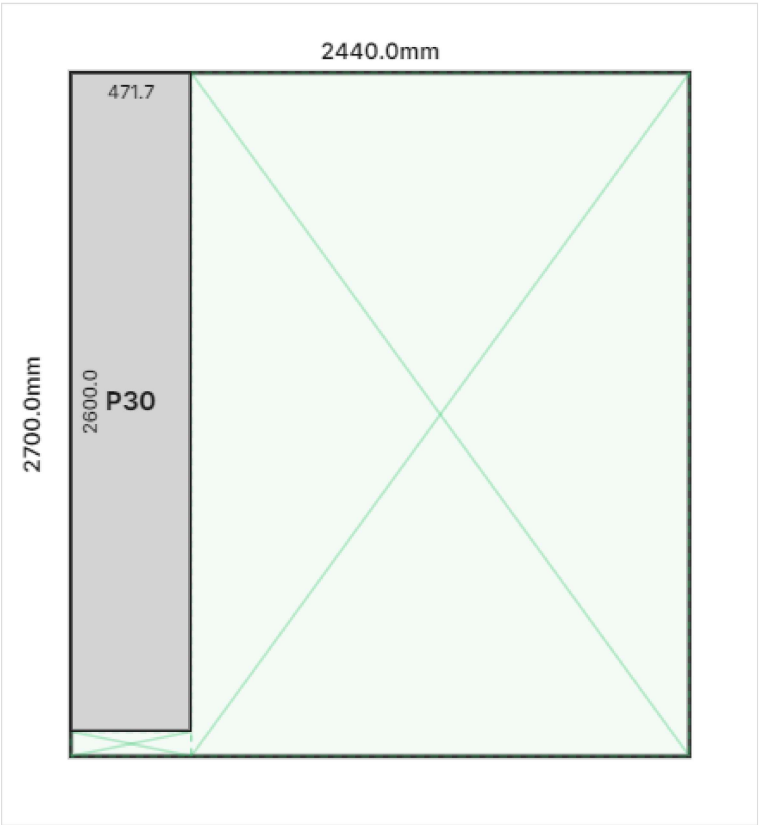
Sheet 5: Material2

Efficiency: 93.1% | Waste: 6.9%



Sheet 6: Material2

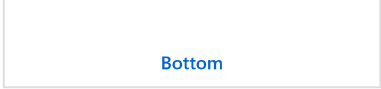
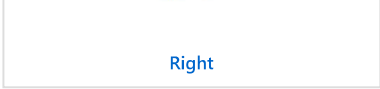
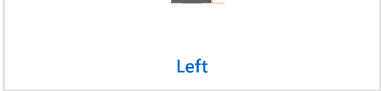
Efficiency: 18.6% | Waste: 81.4%



Cut Sequences

Usable Offcuts

Sheet #	Material	Estimated Size	Area (m ²)
1	Color M06	1952 x 150mm	0.294
2	Color M06	1952 x 601mm	1.173
3	Color M06	1952 x 986mm	1.926
4	Color M06	1952 x 1869mm	3.649
5	Material2	1952 x 234mm	0.456
6	Material2	1952 x 2747mm	5.362



Cut List & Part Details

Part ID	Name	Dimensions (mm)	Material	Sheet #	Grain	Edge Banding
P1		910 × 2550	Color M06	1	Any	None
P2		910 × 2550	Color M06	1	Any	None
P3		560 × 2660	Color M06	1	Any	None
P4		910 × 60	Color M06	1	Any	None
P5		910 × 60	Color M06	1	Any	None
P6		910 × 60	Color M06	1	Any	None
P7		910 × 2550	Color M06	2	Any	None
P8		560 × 2660	Color M06	2	Any	None
P9		560 × 2660	Color M06	2	Any	None
P10		240 × 480	Color M06	2	Any	None
P11		560 × 2660	Color M06	3	Any	None
P12		560 × 910	Color M06	3	Any	None
P13		560 × 910	Color M06	3	Any	None
P14		560 × 910	Color M06	3	Any	None
P15		560 × 910	Color M06	3	Any	None
P16		560 × 910	Color M06	3	Any	None
P17		560 × 910	Color M06	3	Any	None
P18		240 × 480	Color M06	3	Any	None
P19		550 × 910	Color M06	4	Any	None
P20		550 × 910	Color M06	4	Any	None
P21		550 × 910	Color M06	4	Any	None
P22		550 × 910	Color M06	4	Any	None
P23		550 × 910	Color M06	4	Any	None
P24		480 × 910	Color M06	4	Any	None
P25		471.7 × 2600	Material2	5	Any	None
P26		471.7 × 2600	Material2	5	Any	None
P27		471.7 × 2600	Material2	5	Any	None
P28		471.7 × 2600	Material2	5	Any	None
P29		471.7 × 2600	Material2	5	Any	None
P30		471.7 × 2600	Material2	6	Any	None