

# Cut List & Nesting Report

Professional Manufacturing Analysis

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## Project Summary

Project Metric	Value
Total Parts	4
Unique Components	4
Material Sheets	2
Kerf Width	12mm
Material Efficiency	35.7%
Total Waste Area	3.83 m <sup>2</sup>
Total Cost	SAR 0

## Materials Used

Material Type	Sheets Required	Unit Cost	Total Cost
Black Shaker	1	SAR 0	SAR 0
Grey Laminate	1	SAR 0	SAR 0

## Unique Part Types

Part Name	Width (mm)	Height (mm)	Thickness (mm)	Material	Grain	Qty	Area (m <sup>2</sup> )
Black_Panel_18x42	457.2	1066.8	19.1	Black Shaker	Any	1	0.49
Black_Panel_21x42	533.4	1066.8	19.1	Black Shaker	Any	1	0.57
Black_Panel_24x42	609.6	1066.8	19.1	Black Shaker	Any	1	0.65
Grey_Panel_36x18	457.2	914.4	19.1	Grey Laminate	Any	1	0.42

## Sheet Inventory Summary

Material	Dimensions (mm)	Count	Total Area (m <sup>2</sup> )	Price/Sheet	Total Cost
Black Shaker	2440 × 1220	1	2	SAR 0	SAR 0
Grey Laminate	2440 × 1220	1	2	SAR 0	SAR 0

## Cutting Diagrams

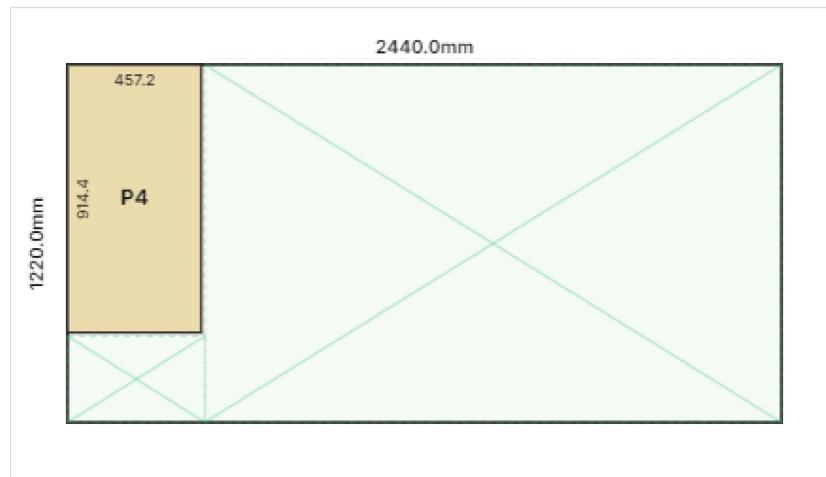
**Sheet 1: Black Shaker**

**Efficiency: 57.4% | Waste: 42.7%**



**Sheet 2: Grey Laminate**

**Efficiency: 14.0% | Waste: 86.0%**

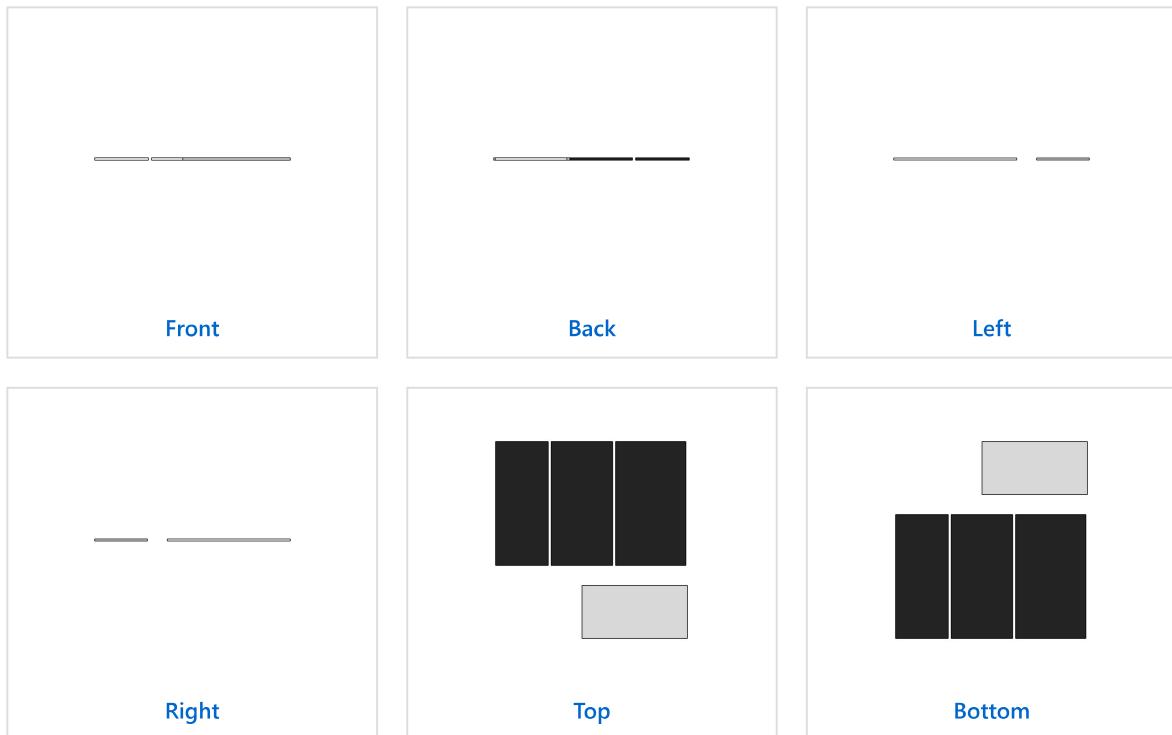


## Cut Sequences

### Usable Offcuts

Sheet #	Material	Estimated Size	Area (m <sup>2</sup> )
1	Black Shaker	1952 x 650mm	1.27
2	Grey Laminate	1952 x 1311mm	2.559

## Assembly Views



## Cut List & Part Details

Part ID	Name	Dimensions (mm)	Material	Sheet #	Grain	Edge Banding
P1	Black_Panel_24x42	609.6 x 1066.8	Black Shaker	1	Any	None
P2	Black_Panel_21x42	533.4 x 1066.8	Black Shaker	1	Any	None
P3	Black_Panel_18x42	457.2 x 1066.8	Black Shaker	1	Any	None
P4	Grey_Panel_36x18	457.2 x 914.4	Grey Laminate	2	Any	None

AutoNestCut Professional

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