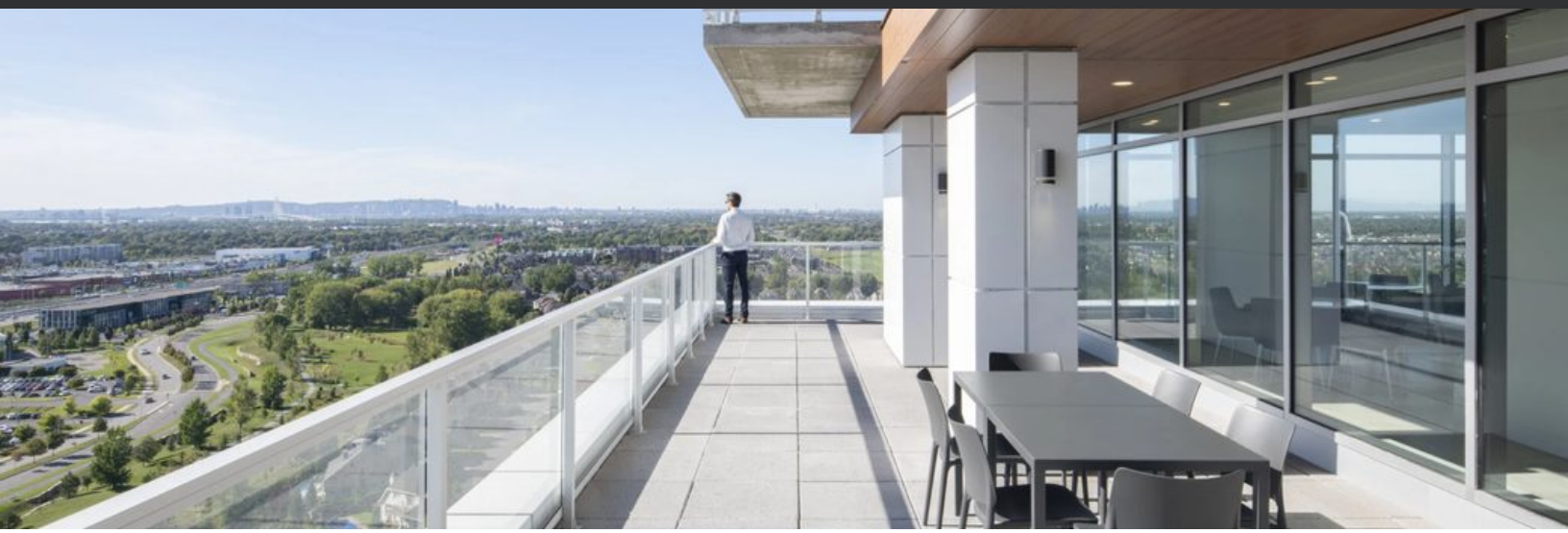
LUXOR ARCHITECTURAL

COLLECTION 2027

Material Estimating Guide

Extruded aluminum cladding and soffits



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Measuring Surface Areas

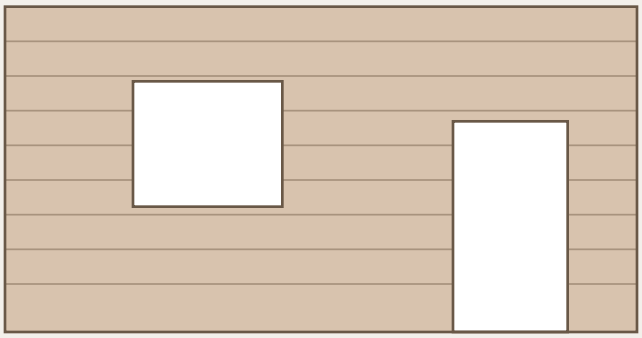
Work by façade, installation orientation and finish. Calculate soffits separately.

01 Identify the areas. Mark each area to be clad on the elevations. Note the profile, finish and board direction. Distinguish solid boards from perforated boards.

02 Measure gross area. For a rectangle, multiply width by height. Break irregular shapes into simple figures. For a soffit, measure actual length and depth.

03 Deduct openings. Subtract areas without cladding. Measure returns to be clad and edge lengths to be finished separately.

04 Prepare the layout. Locate starters, corners, row ends and transitions. Identify areas where cuts, joints and installation direction limit offcut reuse.



FAÇADE · CONCEPTUAL VIEW

Net Area Gross area minus openings, plus returns to be clad.

Measure the perimeter of each opening for the trims shown in the detail.

Include in the Takeoff

Include actual dimensions and the plan revision. A change in installation direction, available length or joint location may change quantities even if the surface area stays the same.

Estimating Boards

Use the coverage width and length confirmed by Luxor for each reference.

Reference	Coverage Width	Catalogue length	Coverage per Board
Z1158	2½ in.	19 ft.	3.96 sq. ft.
Z1158P · perforated	2½ in.	9 ft.	1.875 sq. ft.
Z1157	4 in.	12 ft. / 19 ft.	4 sq. ft. / 6.33 sq. ft.
Z1156	6 in.	19 ft.	9.5 sq. ft.
Z1156P · perforated	6 in.	19 ft.	9.5 sq. ft.
Z1159 · Square Edge	6 in.	19 ft.	9.5 sq. ft.

Nominal catalogue coverages. Confirm Z1158 availability and length before estimating. For a confirmed length not listed, nominal coverage in sq. ft. equals coverage width in inches ÷ 12 x length in feet.

Preliminary Calculation

Multiply net area by 1 plus the selected cutting allowance. Divide by coverage per board and round up to a whole board. Then adjust by row and cut length. Calculate each profile, finish and length combination separately.

Example · 19 ft. Z1156

Net area: 240 sq. ft. With an illustrative 10% allowance, the target is 264 sq. ft. At 9.5 sq. ft. per board, the calculation gives 28 boards, to be checked against the layout. The allowance depends on cuts and the project.

Counting Trims

Measure segments in linear feet, then count pieces by reference.

Location Shown on Plans	Luxor Reference
Start of Rows	Z1173 · Starter Strip
Opening Perimeter or J-Trim Edge	Z1174 · J-Trim
Inside / Outside Corners	Z1175 / Z1176
Two-Piece Large Outside Corner	SEC19 · Base and SEC18 · Top
Transition en H	Z1154 · Base and Z1155 · Top
Two-Piece Finishing Trim	Z1184 · Base and Z1185 · Top
Soffit or Fascia, as Detailed	Z1180 · Length to Be Confirmed

01 Measure by reference. Record each starter, return, corner, opening and edge. If vertical installation uses two back-to-back starters, measure both lengths.

02 Count each component. For a two-piece assembly, list base and top lengths on separate lines.

03 Check the cutting layout. Catalogue trims are listed at 12 ft., except Z1180, whose length must be confirmed. Allow for end trimming, then allocate segments to the available usable lengths.

Example · H-Transition

Two 7 ft. segments require 2 Z1154 bases and 2 Z1155 tops in 12 ft. lengths. The cutting layout for each segment determines the order quantity.

Accessories and Quote Requests

Group quantities by reference and submit the takeoff with the plans.

ZCLIP Clips and Fasteners

Count fastening points in the layout according to substrate, profile and project requirements. Ask Luxor to confirm the number of included clips. The Accessories & Preparation sheet lists additional clips in bags of 200. Confirm required screws and anchors separately.

Touch-Ups and Finishes

List ZTOUCH touch-up pens by colour. Associate each board or trim reference with its finish and quantity.

TAKEOFF TO INCLUDE WITH YOUR REQUEST

Area	Reference	Finish	Length	Quantity / Unit

Include · Plans and revision, contact details, project city, requested date, references, finishes, lengths, quantities and delivery requirements.

Request an Estimate

Open the Luxor Form · info@luxorarchitectural.com · 514 585-6558

To confirm references, accessories and fastening conditions, see the catalogue, Accessories & Preparation sheet and Installation Guide in Resources.