

BOLTON 1000

EXTRUSION SYSTEM

ACM PANEL MEASURING & INSTALLATION GUIDE



- 1 MEASURE
- 2 SEND TO BOLTON
- 3 FABRICATION
- 4 INSTALL
- 5 FINISH

OVERVIEW

SYSTEM COMPONENTS

The Bolton 1000 system has four parts. The starters and base connectors fasten to the wall. Each panel arrives with its clip extrusion already installed, and the spline slides through the clips across each joint.



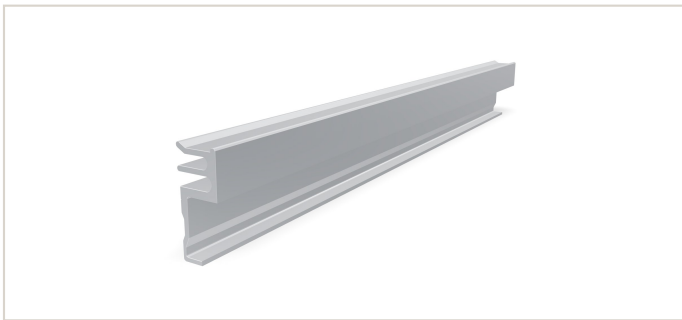
BASE CONNECTOR

Die No. 11657 · goes between two panels



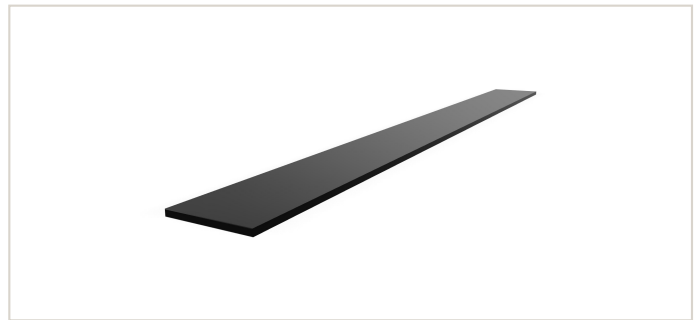
STARTER

Die No. 11658 · at windows, and at the start and end of every run



PANEL CLIP EXTRUSION

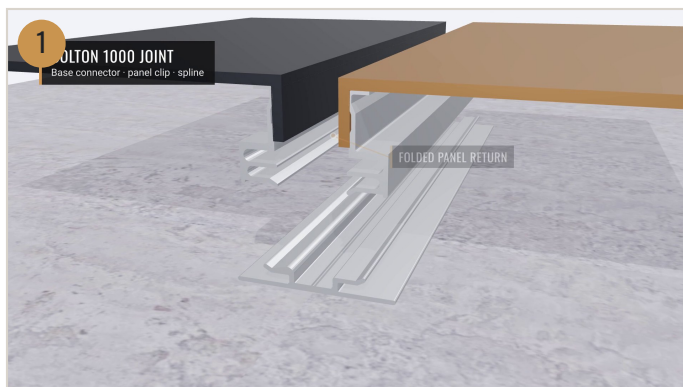
Die No. 11659 · installed on the panel in our shop, all four sides



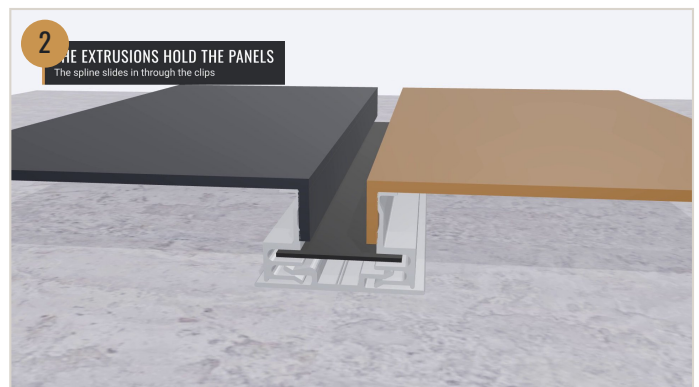
SPLINE

Slides through the clips, across each joint

HOW IT WORKS



The panel slides in and its clips lock onto the starter and base connector.

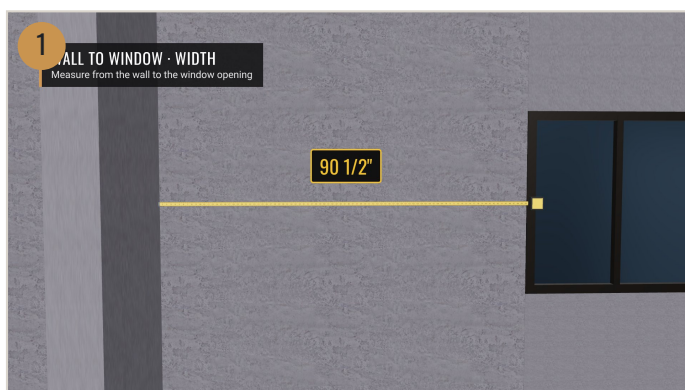


The spline slides lengthwise through the clips, across the joint. The extrusions hold the panels; no screws go through the panel face.

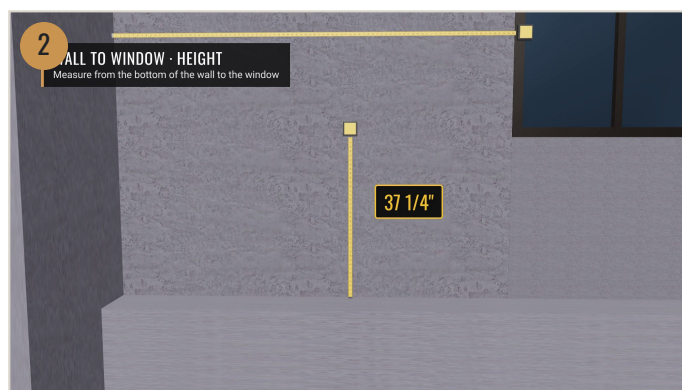
STEP 1

TAKE YOUR MEASUREMENTS

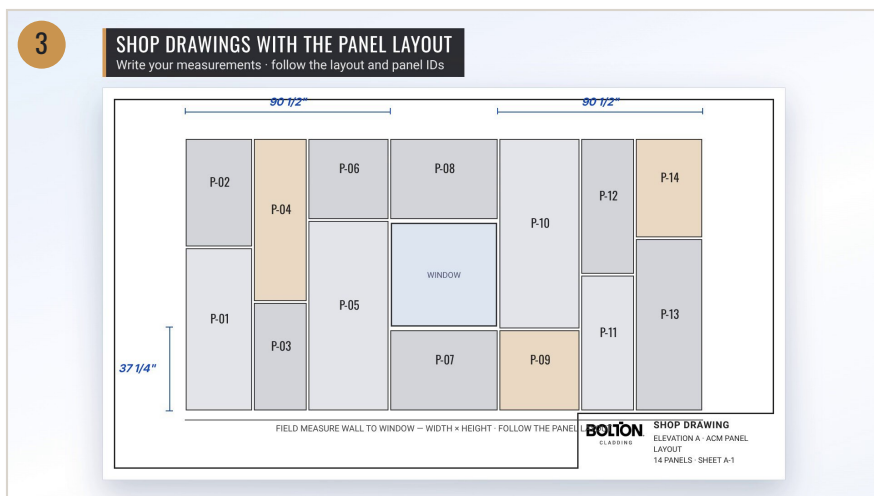
Measure the wall to the window, and write the measurements on the Bolton Cladding shop drawing. The shop drawing shows the panel layout, with a panel ID for every panel.



Width: measure from the wall to the window opening.



Height: measure from the bottom of the wall to the window.



Write your measurements on the shop drawing and follow the panel layout and panel IDs.

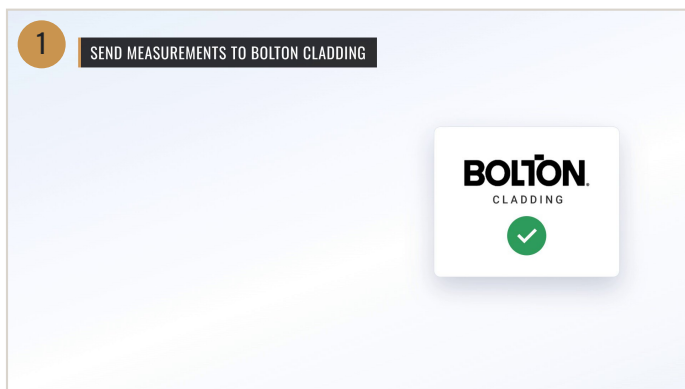
STEP 1 CHECKLIST

- ☐ Width measured, wall to window, on each side of the window
- ☐ Height measured, bottom of the wall to the window
- ☐ Measurements written on the shop drawing
- ☐ Shop drawing panel layout and panel IDs reviewed

STEP 2

SEND TO BOLTON CLADDING

Send your completed measurements and marked-up shop drawing to Bolton Cladding for fabrication.



Send the completed measurements to Bolton Cladding.

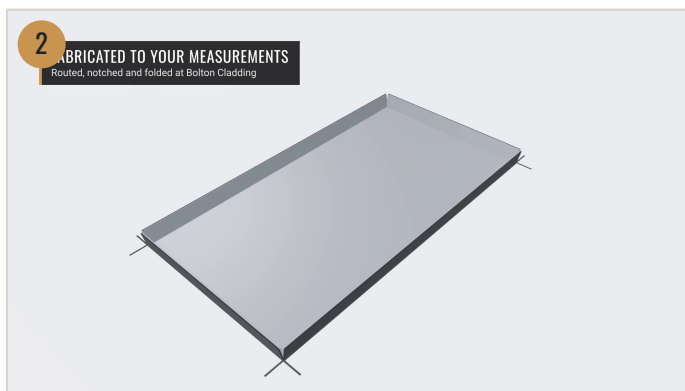
STEP 2 CHECKLIST

- ☐ Measurements and shop drawing sent to Bolton Cladding
- ☐ Bolton Cladding confirmed receipt

STEP 3

FABRICATION

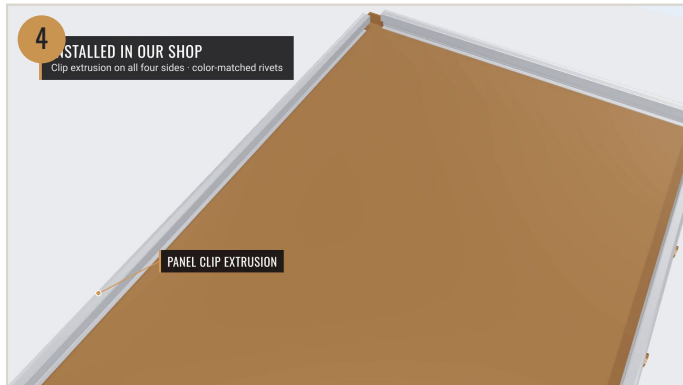
Bolton Cladding fabricates every panel to your measurements and the shop drawing layout, then installs the clip extrusion on all four sides with color-matched rivets.



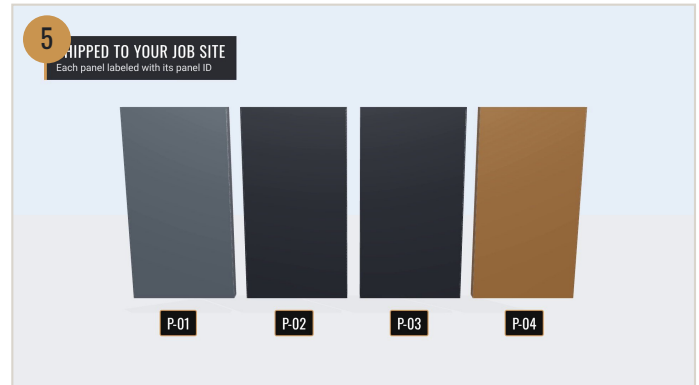
Panels are routed, notched and folded to size.



Clip extrusion installed on all four sides, fastened with color-matched rivets.

STEP 3**FABRICATION (CONTINUED)**

The panel clip extrusion slides onto each panel edge in our shop.



Every panel ships to your job site labeled with its panel ID.

STEP 3 CHECKLIST (ON DELIVERY)

- ☐ All panels received; count matches the shop drawing
- ☐ Every panel labeled with its panel ID
- ☐ Clip extrusion present on all four sides of each panel
- ☐ Protective film intact on every panel face
- ☐ Starters, base connectors, splines and stainless steel hex-head screws on site

STEP 4

INSTALL THE PANELS

Install in sequence: starters first, then panel, spline, base connector, and repeat, from the bottom up and across the wall. The extrusions hold each panel in place.



Fasten starters and base connectors to the wall with stainless steel hex-head metal screws.



Begin with the starters, at the bottom and at the start of the run.



Slide the first panel in, so its clips lock onto the starters.



Once the panel is in place, slide the spline in from the top or the side.

STEP 4

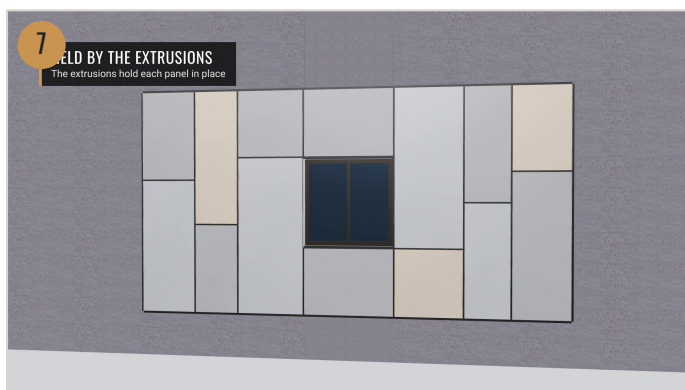
INSTALL THE PANELS (CONTINUED)



Then place the base connector and fasten it to the wall.



Continue in the same sequence: panel, spline, base connector.



Work from the bottom up and across the wall, matching each panel ID to the shop drawing.

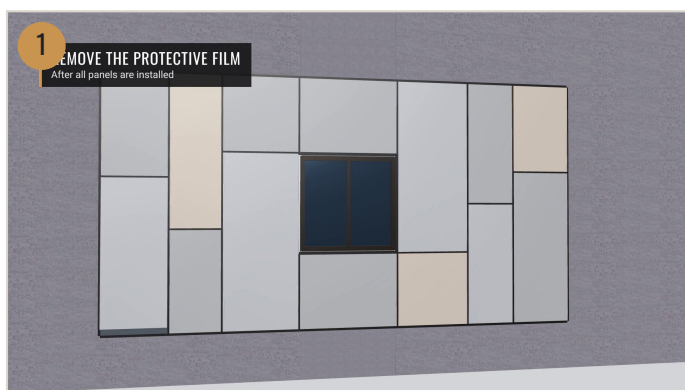
STEP 4 CHECKLIST

- ☐ Starters fastened at the bottom and at the start of the run
- ☐ Panels installed bottom-up, matched to the shop drawing panel IDs
- ☐ Spline slid in after each panel
- ☐ Base connector placed and fastened after each panel
- ☐ Every panel locked onto its extrusions

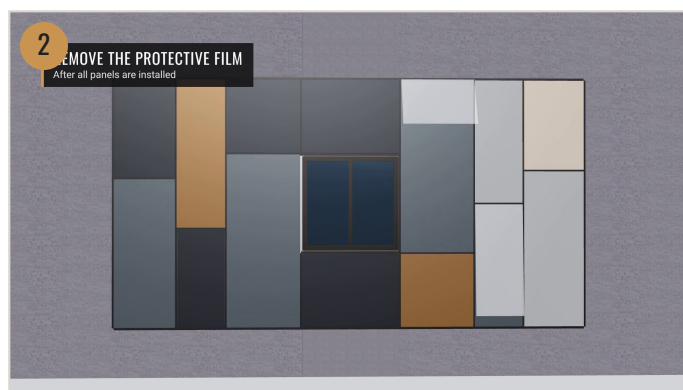
STEP 5

FINISH THE JOB

Once all the panels are installed, remove the protective film, caulk around windows and openings where needed, and check every panel and spline.



All panels installed, protective film still on.



Remove the protective film from each panel.



Caulk around windows and openings where needed.



Final check: every panel and spline secure and fully in place.

FINAL SIGN-OFF

COMPLETE INSTALLATION CHECKLIST

- ☐ Step 1 · Wall-to-window width and height measured and written on the shop drawing
- ☐ Step 2 · Measurements sent to Bolton Cladding
- ☐ Step 3 · Panels received, labeled, clips on all four sides, film intact
- ☐ Step 4 · Starters, panels, splines and base connectors installed in sequence
- ☐ Step 4 · All extrusions fastened with stainless steel hex-head screws
- ☐ Step 5 · Protective film removed
- ☐ Step 5 · Windows and openings caulked where needed
- ☐ Step 5 · Every panel and spline secure and fully in place

PROJECT / ADDRESS

INSTALLER

DATE

SIGNATURE
