

# PANELBOARD



C L O S E D - J O I N T   S Y S T E M



**LONGBOARD®**  
INSPIRING FACADES

Distributed by:



**Facade**  
Specialties, Inc.

p: 1-866-716-2436

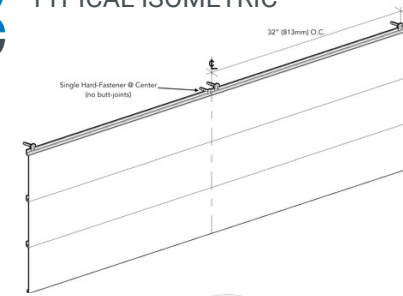
e: [info@facadespec.com](mailto:info@facadespec.com)

w: [facadespecialtiesinc.com](http://facadespecialtiesinc.com)

# PANELBOARD



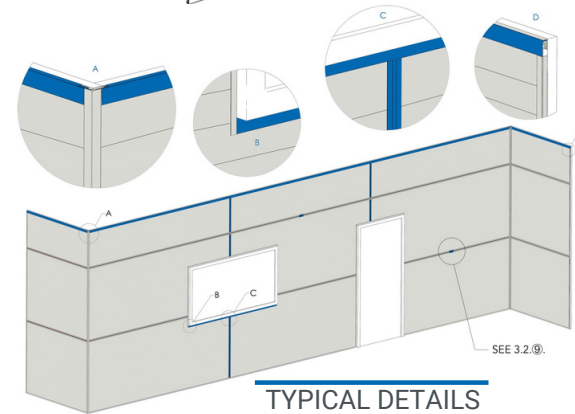
## TYPICAL ISOMETRIC



## TYPICAL SECTION



6" SMOOTH PLANK



## TYPICAL DETAILS



JAN 2021

### PROFILE

6" Smooth Plank  
Standard Length: 24'  
96 SQ FT/box

### 12' COMPONENTS

- PERIMETER TRIMS:
  - 3" Starter, 5/8" J-Track, 1"x1-3/8" Two-Piece J-Track, 1" Outside Corner, 3/4" Inside Corner, 2" Two-Piece Corner, 1-3/8" Termination Set
- FIELD TRIMS:
  - 1-1/2" U-Cap Set, 3/4" U-Cap Set

### 24' COMPONENTS

- FIELD TRIMS:
  - 1-1/2" U-CHANNEL W. END SLEEVE,
  - 3/4" U-CHANNEL W. END SLEEVE
  - 1-3/8" COMPRESSION JOINT

### FINISHES

Woodgrains, Solid, Specialty  
Custom Solid Colour Matching (Additional Lead Times Apply)

### ATTACHMENT

Planks: Quick-Screen Clips w. #8 screws\* @ 32" o.c. (standard)  
Quick-Screen Clips included:  
90 pcs/box  
Trims: hard fasten w. #8 screws\* @ 24" o.c.  
\*screws are NOT included

### BIM & CAD

RVT & DWG files available,  
see website for details

### LEAD TIME

3-4 weeks (subject to change)

### PHYSICAL DATA

6063-T5 Extruded Aluminum  
100% Recyclable  
Warranty: Finish: 15 year (standard)/20 year\* (ultra) (\*10 week lead time); Aluminum: 50 year  
Weight: approx. 1.5lbs/sq. ft.

### TESTING

ICC-ES Evaluation Report - Division: 07 00 00 Thermal and Moisture Protection Section: 07 46 00 - Siding

LARR - Los Angeles Department of Building Safety (LADBS) accepts ICC-ES reports as proof of compliance

Florida Product Code: FL20075

WUI (The Wildland-Urban Interface) - California Department of Forestry & Fire Protection Office of the State Fire Marshal Listing No. 8140-2286:0500

Fire Rating: Class A Non-Combustible by ASTM E136 & ASTM E84

Light Reflectance: 5% (Black) up to 73.2% (Ultra White)

Wind load: Up to 100 psf (4788 Pa)

[info@longboardproducts.com](mailto:info@longboardproducts.com)

[longboardproducts.com](http://longboardproducts.com)

1 (800) 604-0343



**LONGBOARD®**  
INSPIRING FACADES

# PANELBOARD SYSTEM

---

**INSTALLATION GUIDELINES**

## 1. GENERAL

### 1.1. Product Description

Longboard® Panelboard is an extruded aluminum closed joint rainscreen panelized siding system, designed to be installed horizontally or vertically. Planks are available in standard lengths of 24' (7.3m) and single width of 6" (152.4mm). Components used for perimeter terminations, corners and panel trims are available in 12' (3.7m) lengths for most, with some in 24' (7.3m) lengths (see appendix for details).

### 1.2. Installation Considerations

Depth of system (measured from substrate to finished face):

Components = 9/16" (15mm) *\*total depth of the system*

Planks = 1/2" (12mm)

Longboard Products are not recommended for use on marine applications in direct contact with saltwater.

Longboard Panelboard is to be installed outboard of a weather-resistive barrier, including all flashings, following code and building requirements.

### 1.3. Cutting

⚠ Always be sure to wear appropriate PPE: eye & hearing protection.

Use standard wood-cutting tools such as a Table Saw & Miter Saw with a carbide blade (60-80 tooth) for non-ferrous metals (aluminum), Jig Saw, Hole-Saw & drill for attachments.

Cut planks to terminate inside components by 1/4" (6mm), to allow for expansion & contraction (see 1.4.1.). Trim the taped/punched ends of all stock length material by 1/2" (12mm) each end and discard (see 1.5.).

### 1.4. Fastening

Components should be hard-fastened\* every 16" (406mm) O.C. directly through the flange.

*\*#8 pan-head self-drilling screws (not included) are recommended*

Planks are secured using Longboard Quick-Screen Clips (included for standard 32" (813mm) O.C.) fastened to the substrate with screws\*.

*\*#8 pan-head screws (not included) are recommended*

⚠ All fasteners should be suitable for exterior use and be compatible with the substrate type.

See Table 1 to adjust fastener spacings of Planks, to meet specific wind-loads.  
See Table 2 for the fastener spacing and location of the Starter.

### Quick-Screen Clip Spacing - Wind-Load

**Table 1:** Maximum Tributary Area and Clip Spacing for Longboard Quick-Screen Clip

Maximum Factored Wind Load <sup>1</sup> (psf)	6 in. Wide Planks			Maximum Factored Wind Load <sup>1</sup> (psf)	6 in. Wide Planks		
	Maximum Tributary Area of Clips (in <sup>2</sup> )	Maximum Horizontal Spacing (in)	Maximum Vertical Spacing <sup>2,3</sup> (in)		Maximum Tributary Area of Clips (in <sup>2</sup> )	Maximum Horizontal Spacing (in)	Maximum Vertical Spacing <sup>2,3</sup> (in)
<b>Sheathed Wood-Frame Wall w/ 1.5 in. lg. #8 pan head wood screws</b>				<b>Sheathed 18ga, 33ksi Steel Stud Wall w/ #8 Pan Head Self-Drilling Screws</b>			
+/- 20	313	52	6	+/- 20	314	52	6
+/- 30	274	46	6	+/- 30	220	37	6
+/- 40	222	37	6	+/- 40	165	27	6
+/- 50	179	30	6	+/- 50	132	22	6
+/- 60	149	25	6	+/- 60	110	18	6
+/- 70	128	21	6	+/- 70	94	16	6
<b>Sheathed Wood-Frame Wall w/ 2.0 in. lg. #8 pan head wood screws</b>				<b>Sheathed 16ga, 50ksi Steel Stud Wall w/ #8 Pan Head Self-Drilling Screws</b>			
+/- 20	313	52	6	+/- 20	313	52	6
+/- 30	274	46	6	+/- 30	274	46	6
+/- 40	246	41	6	+/- 40	217	36	6
+/- 50	197	33	6	+/- 50	174	29	6
+/- 60	164	27	6	+/- 60	145	24	6
+/- 70	141	23	6	+/- 70	124	21	6

<sup>1</sup> - Wind loads are three second gust basic wind speed based, and assume all height, directionally, exposure, topographic, pressure and gust effect coefficients have been applied.

<sup>2</sup> - Spacing is from clip center to center

<sup>3</sup> - Maximum vertical spacing limited by siding vertical dimension

<sup>4</sup> - An unfactored dead load of 1.5 psf was assumed for the cladding.

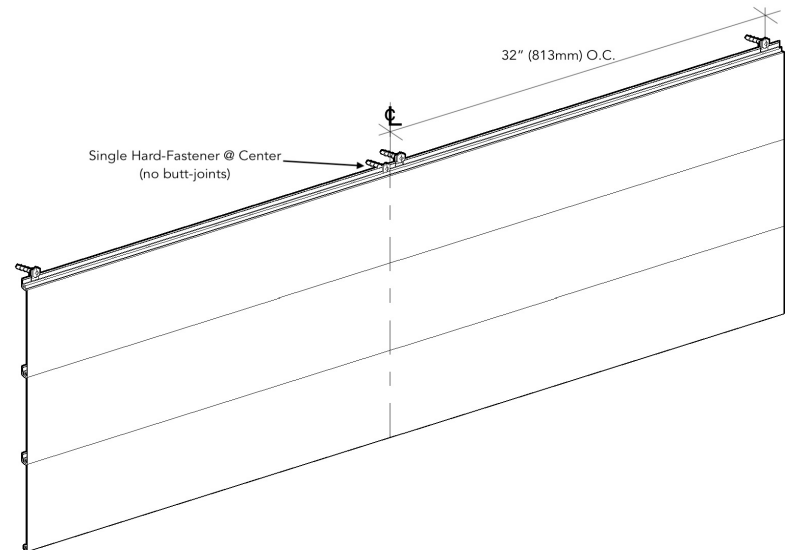
<sup>5</sup> - If fastening to every second stud, the attachment stud shall be staggered between adjacent runs of siding.

<sup>6</sup> - The Starter Strip shall be fastened at 16 in. o.c. with #8 self-drilling screws into 18 ga. 33 ksi steel studs or 1.5 in. long #8 wood screws into wood studs (min. S-P-F grade). The Starter Strip shall be fastened at 32 in. o.c. with #8 self-drilling screws into 16 ga. 50 ksi steel studs or 2.0 in. long #8 wood screws into wood studs (min. S-P-F grade).

**Table 2:** Fastening Requirements Longboard Starter

Backing Wall/ Fastener	Maximum Factored Wind Load <sup>1</sup> (psf)	Siding Width (in)	Maximum Horizontal Screw Spacing (in)	Screw Location In Strip
Wood Stud w/ #8 - 1.5in lg. screws	+/- 20	6	16	End
	+/- 30		16	End
	+/- 40		16	Middle
	+/- 50		16	Middle
	+/- 60		16	Middle
	+/- 70		16	Middle
Wood Stud w/ #8 - 2.0in lg. screws	+/- 20	6	32	End
	+/- 30		16	End
	+/- 40		16	End
	+/- 50		16	Middle
	+/- 60		16	Middle
18ga 33ksi steel studs w/ #8 screws	+/- 20	6	16	End
	+/- 30		16	Middle
	+/- 40		16	Middle
	+/- 50		16	Middle
	+/- 60		16	Middle
	+/- 70		16	Middle
16ga 50ksi steel studs w/ #8 screws	+/- 20	6	32	End
	+/- 30		16	End
	+/- 40		16	End
	+/- 50		16	Middle
	+/- 60		16	Middle

Quick-Screen Clips allow for free movement of the planks to expand & contract during thermal changes (see 1.4.1.).



**TIP!** It is good practice to hard-fasten each plank directly through the flange, near the center of each length to keep the planks from migrating.

⚠ If installing with staggered butt-joints, hard-fasten the two planks at the butt-joint to ensure joints do not open up (see *Detail A&B*). Fasteners should anchor into a solid secure framing member, blocking, furring strip or backer plate\* (Starter used as a backer) etc. (\*see *Detail B*). Use touch-up paint pens (purchased separately) to coat the ends of the two (2) planks at the butt-joint.

DO NOT hard fasten more than one (1) location per plank:

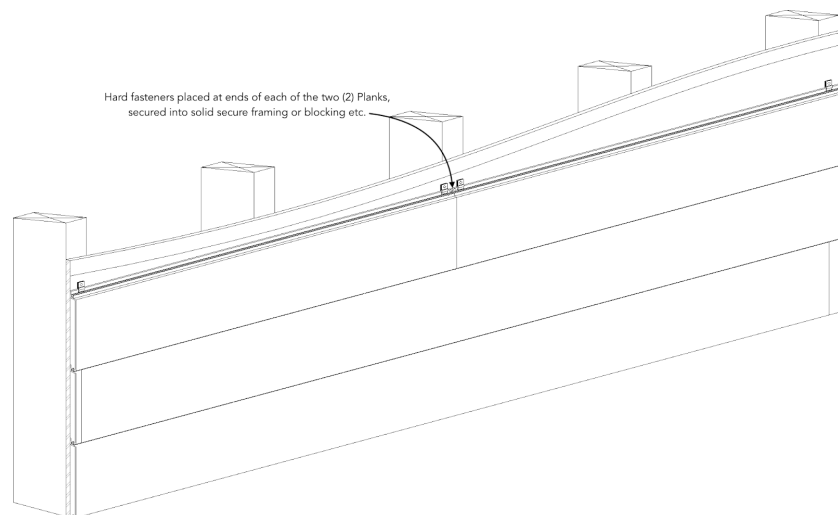
Butt-joints: at the joints

No butt-joints: center of planks

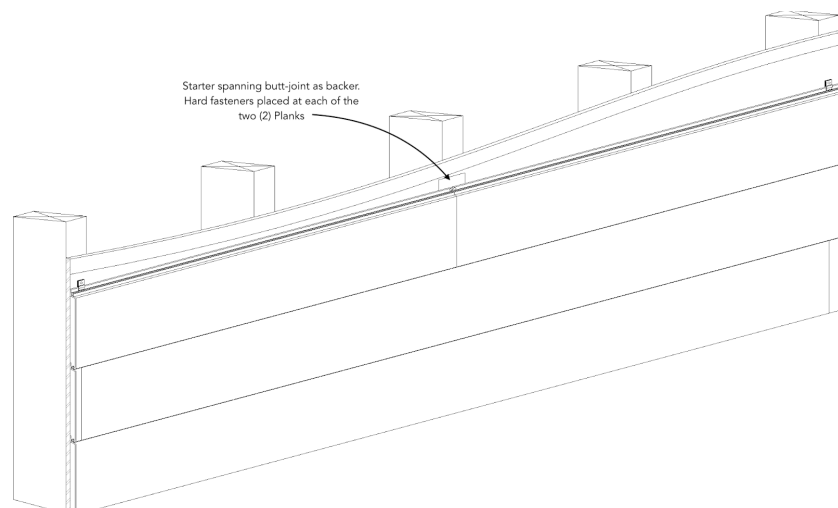
DO NOT install more than one (1) butt-joint between two components.

DO NOT hard fasten a plank to a component trim, as this will restrict its ability to expand & contract into the component.

### Detail A



### Detail B



### 1.4.1. Expansion & Contraction

All Planks & Components will expand & contract 1/4" (6mm) over 24' (7.3m) in all directions, measured over a 30°C (54°F) temperature range. Expansion components (U Cap & Base) should be installed at panelized ends, following these rules:

1-½" U-Cap & Base: every 24' (7.3m) or less

¾" U-Cap & Base: every 12' (3.7m) or less

Each plank must terminate into a minimum of one (1) component to allow for expansion & contraction.

See **3. System Installation** for layout details and tables below for expansion/contraction calculations per foot/meter of material.

TABLE 1 - IMPERIAL

		AVERAGE TEMPERATURE AT TIME OF CUTTING & INSTALLATION											
°C		-50	-40	-30	-20	-10	0	10	20	30	40	50	
°F		-58	-40	-22	-4	14	32	50	68	86	104	122	
MIN/MAX POST CONSTRUCTION TEMP.	°C	°F	EXPANSION OR CONTRACTION (INCH/FOOT)										
	-50	-58	0.000	-0.003	-0.005	-0.008	-0.011	-0.014	-0.016	-0.019	-0.022	-0.024	-0.027
	-40	-40	0.003	0.000	-0.003	-0.005	-0.008	-0.011	-0.014	-0.016	-0.019	-0.022	-0.024
	-30	-22	0.005	0.003	0.000	-0.003	-0.005	-0.008	-0.011	-0.014	-0.016	-0.019	-0.022
	-20	-4	0.008	0.005	0.003	0.000	-0.003	-0.005	-0.008	-0.011	-0.014	-0.016	-0.019
	-10	14	0.011	0.008	0.005	0.003	0.000	-0.003	-0.005	-0.008	-0.011	-0.014	-0.016
	0	32	0.014	0.011	0.008	0.005	0.003	0.000	-0.003	-0.005	-0.008	-0.011	-0.014
	10	50	0.016	0.014	0.011	0.008	0.005	0.003	0.000	-0.003	-0.005	-0.008	-0.011
	20	68	0.019	0.016	0.014	0.011	0.008	0.005	0.003	0.000	-0.003	-0.005	-0.008
	30	86	0.022	0.019	0.016	0.014	0.011	0.008	0.005	0.003	0.000	-0.003	-0.005
	40	104	0.024	0.022	0.019	0.016	0.014	0.011	0.008	0.005	0.003	0.000	-0.003
50	122	0.027	0.024	0.022	0.019	0.016	0.014	0.011	0.008	0.005	0.003	0.000	

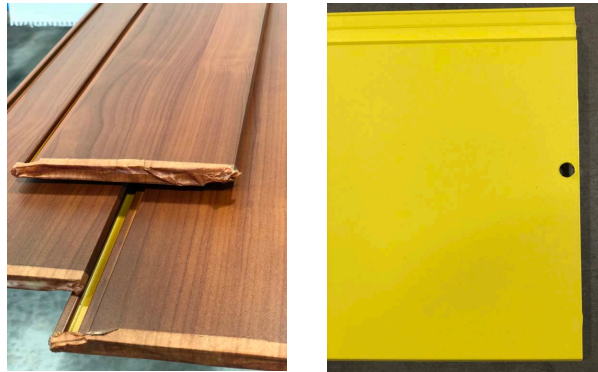
TABLE 2 - METRIC

		AVERAGE TEMPERATURE AT TIME OF CUTTING & INSTALLATION											
°C		-50	-40	-30	-20	-10	0	10	20	30	40	50	
°F		-58	-40	-22	-4	14	32	50	68	86	104	122	
MIN/MAX POST CONSTRUCTION TEMP.	°C	°F	EXPANSION OR CONTRACTION (MM/METER)										
	-50	-58	0.000	-0.230	-0.460	-0.690	-0.920	-1.150	-1.380	-1.610	-1.840	-2.070	-2.300
	-40	-40	0.230	0.000	-0.230	-0.460	-0.690	-0.920	-1.150	-1.380	-1.610	-1.840	-2.070
	-30	-22	0.460	0.230	0.000	-0.230	-0.460	-0.690	-0.920	-1.150	-1.380	-1.610	-1.840
	-20	-4	0.690	0.460	0.230	0.000	-0.230	-0.460	-0.690	-0.920	-1.150	-1.380	-1.610
	-10	14	0.920	0.690	0.460	0.230	0.000	-0.230	-0.460	-0.690	-0.920	-1.150	-1.380
	0	32	1.150	0.920	0.690	0.460	0.230	0.000	-0.230	-0.460	-0.690	-0.920	-1.150
	10	50	1.380	1.150	0.920	0.690	0.460	0.230	0.000	-0.230	-0.460	-0.690	-0.920
	20	68	1.610	1.380	1.150	0.920	0.690	0.460	0.230	0.000	-0.230	-0.460	-0.690
	30	86	1.840	1.610	1.380	1.150	0.920	0.690	0.460	0.230	0.000	-0.230	-0.460
	40	104	2.070	1.840	1.610	1.380	1.150	0.920	0.690	0.460	0.230	0.000	-0.230
50	122	2.300	2.070	1.840	1.610	1.380	1.150	0.920	0.690	0.460	0.230	0.000	

### 1.5. Surface Finish

The Longboard Panelboard system is available in a range of Woodgrain, Solid & Specialty Finishes with custom\* solid colors available upon request. *\*Additional lead times apply*  
Longboard Woodgrains have a repeat pattern, shipped in sets mated back-to-back in each box. Install these as they come out of the box, as an A&B pattern staggering each plank approx. 1-2' (305-610mm) from the previous plank to achieve a random pattern aesthetic.

All Longboard Products are produced 1" (25mm) oversized, as one end is hole-punched (all finishes) and both ends have 1/2" (12mm) of masking tape (woodgrain finishes only) which must be cut off for best results.



### 1.6. Material Ordering & Delivery

Planks are sold in box quantities:

96 SQ FT/Box (8/24's) w. 90pcs Quick-Screen Clips included\*  
*(\*for 32" (813mm) o.c. attachment)*

Components are sold individually by the 12' (3.7m) length.

Lead time is 3-4 weeks\* *(\*subject to change)*, delivered on 24' (7.3m) long skids weighing up to 2000 lbs. A mechanical lift with forks is required on site to receive the order.

⚠ Always inspect the delivery for damage and contact LB ASAP if there are any issues: [info@longboardproducts.com](mailto:info@longboardproducts.com) or 1-800-604-0343 and include your PO# and any pictures if possible. Mark the delivery receipt as "damaged" and accept the delivery as-is. Longboard is not responsible for the installation of blemished or damaged material.

### 1.7. Storage & Handling

Be sure to store the material flat, keep it dry, safe & secure and remain in unopened cartons until ready to be installed. Ensure proper care when handling, to avoid damage on site.



## **2. FRAMING REQUIREMENTS**

### **2.1. General**

Always consult the local building authority and follow local building code requirements.

### **2.2. Load Capacity**

The Longboard Panelboard system weighs approx. 1.5lbs/sq.ft. *\*see section drawings for individual item weights.*

#### **2.3.1. Wood-Framing**

Traditional stud wall framed at 16" (406mm) O.C. with or without solid secure blocking running perpendicular to the plank orientation (for vertical plank applications), exterior wall sheathing, weather resistive barrier (wrb). If furring strips are used: install at 16" (406mm) O.C.

#### **2.3.2. Metal Framing**

18ga. (minimum)(see 1.4.Table 1) galvanized steel framing at 16" (406mm) O.C. , exterior wall sheathing, wrb. If furring strips are used: install at 16" (406mm) O.C.

#### **2.3.3. CMU/Concrete**

Wrb, wood or metal furring strips (see 2.3.1. and 2.3.2. for standard requirements)

### **2.4. Framing Layout**

Provide solid secure framing and/or blocking at 16" (406mm) O.C. for material support and attachment at 32" (813mm) O.C. (standard requirements). Where expansion trims are used; ensure all components land on a stud, blocking or 5/8" (16mm) wood sheathing is used.

### 3. SYSTEM INSTALLATION

#### 3.1. Layout

Measure and layout your wall area to consider plank & component alignment with fixtures, penetrations and adjacent walls, for the desired appearance.

Planks are 6" (152mm) wide.

Panel trim options and layout dimensions are:

1-½" (38mm) Panelboard U-Channel for up to 24' (7.3m) long panels:

*Add 5/8" (15.9mm) to unit measure of 6" (152mm) planks, from outer edge of J-Track to center of 1-½" (38mm) U-Channel, then 1" (25mm) from center to center of 1-½" (38mm) U-Channel thereafter.*

*Start to Panel = 6"(X) + 5/8" to ⌀*

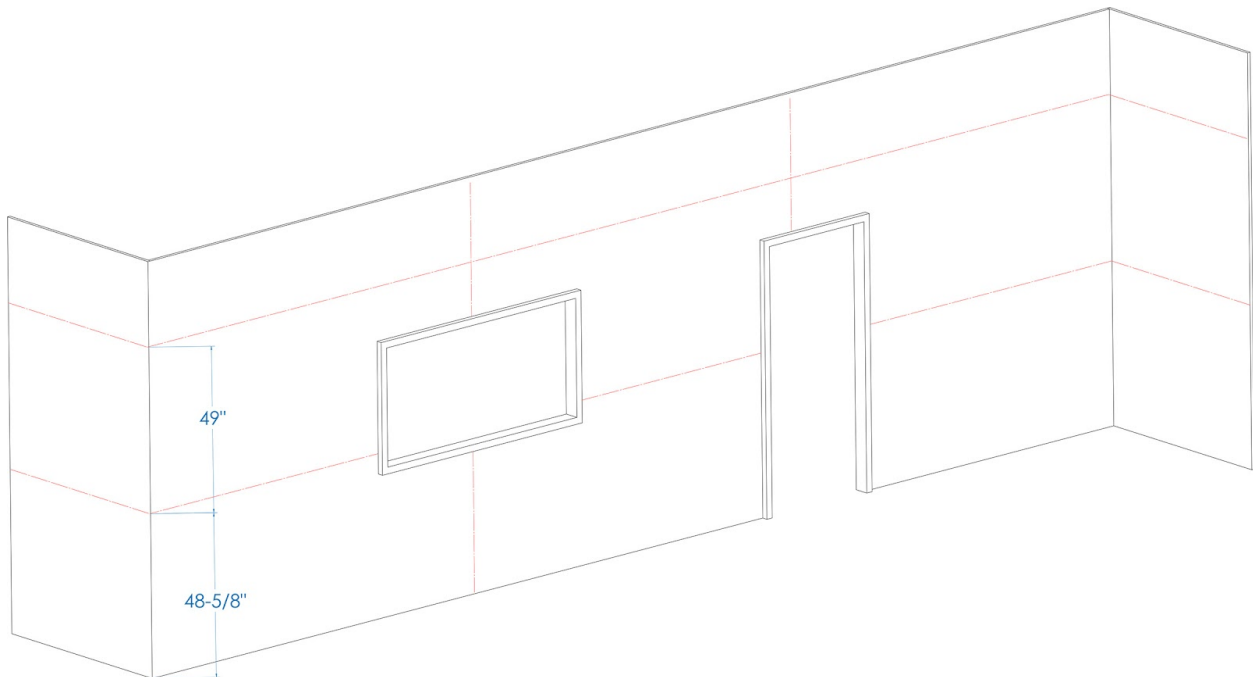
*Panel to Panel = 6"(X) + 1" to ⌀*

¾" (19mm) Panelboard U-Channel for up to 12' (3.7m) long panels:

*Add ¼" (6mm) to unit measure of 6" (152mm) planks, from outer edge of J-Track to center of ¾" (19mm) U-Channel, then 3/8" (10mm) from center to center of ¾" (19mm) U-Channel thereafter.*

*Start to Panel = 6"(X) + ¼" to ⌀*

*Panel to Panel = 6"(X) + 3/8" to ⌀*



TYPICAL HORIZONTAL PANELS USING 1-½" (38mm) U-CHANNEL & U-CAP SHOWN

### 3.2. Component Installation

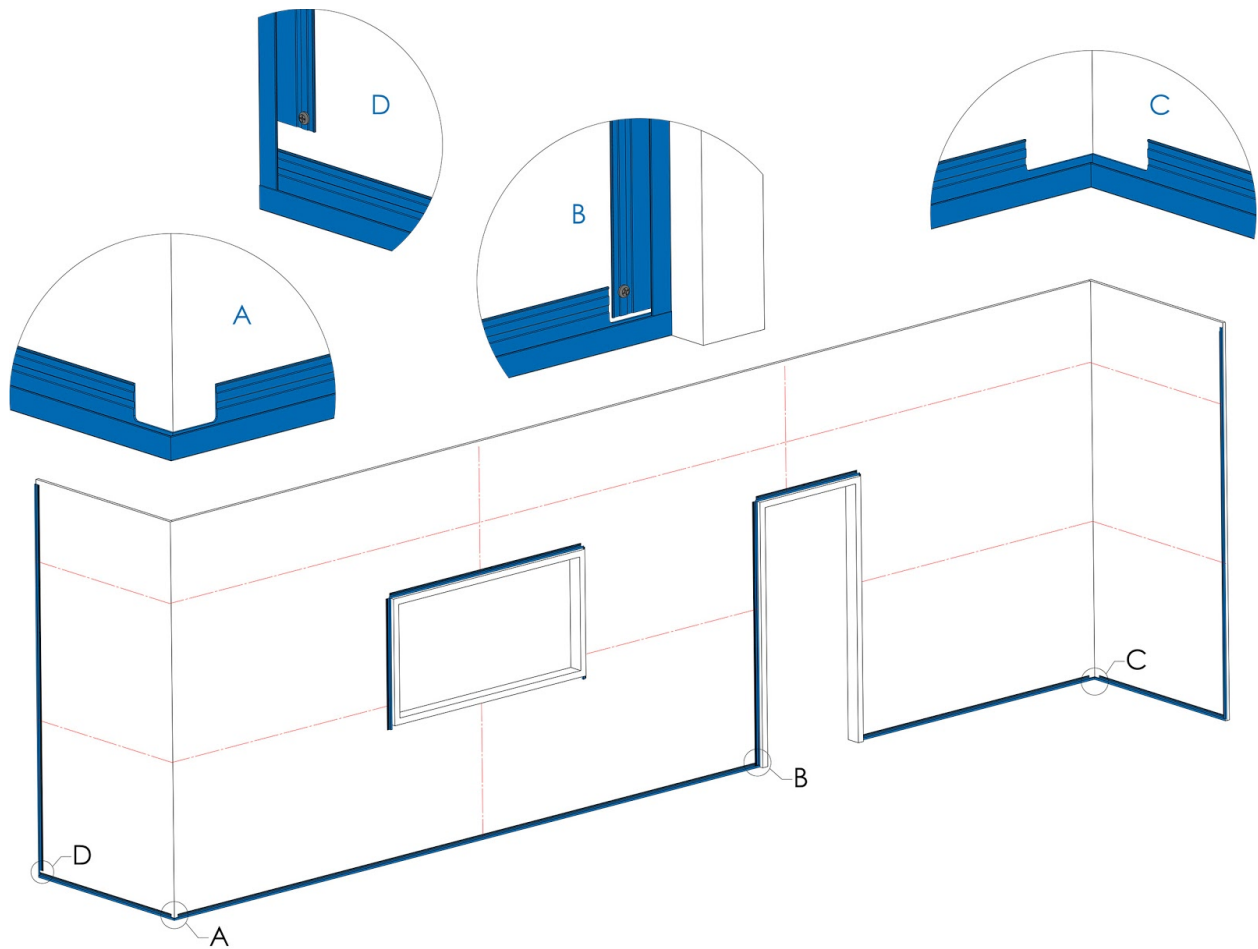
It is good practice to leave a 1/4" (6mm) gap between every 2nd joint or 24' (7.3m) of all components, to allow for expansion & contraction.

*\*see Appendix for material details or website for full info section drawings*

#### 3.2.①. J-Track

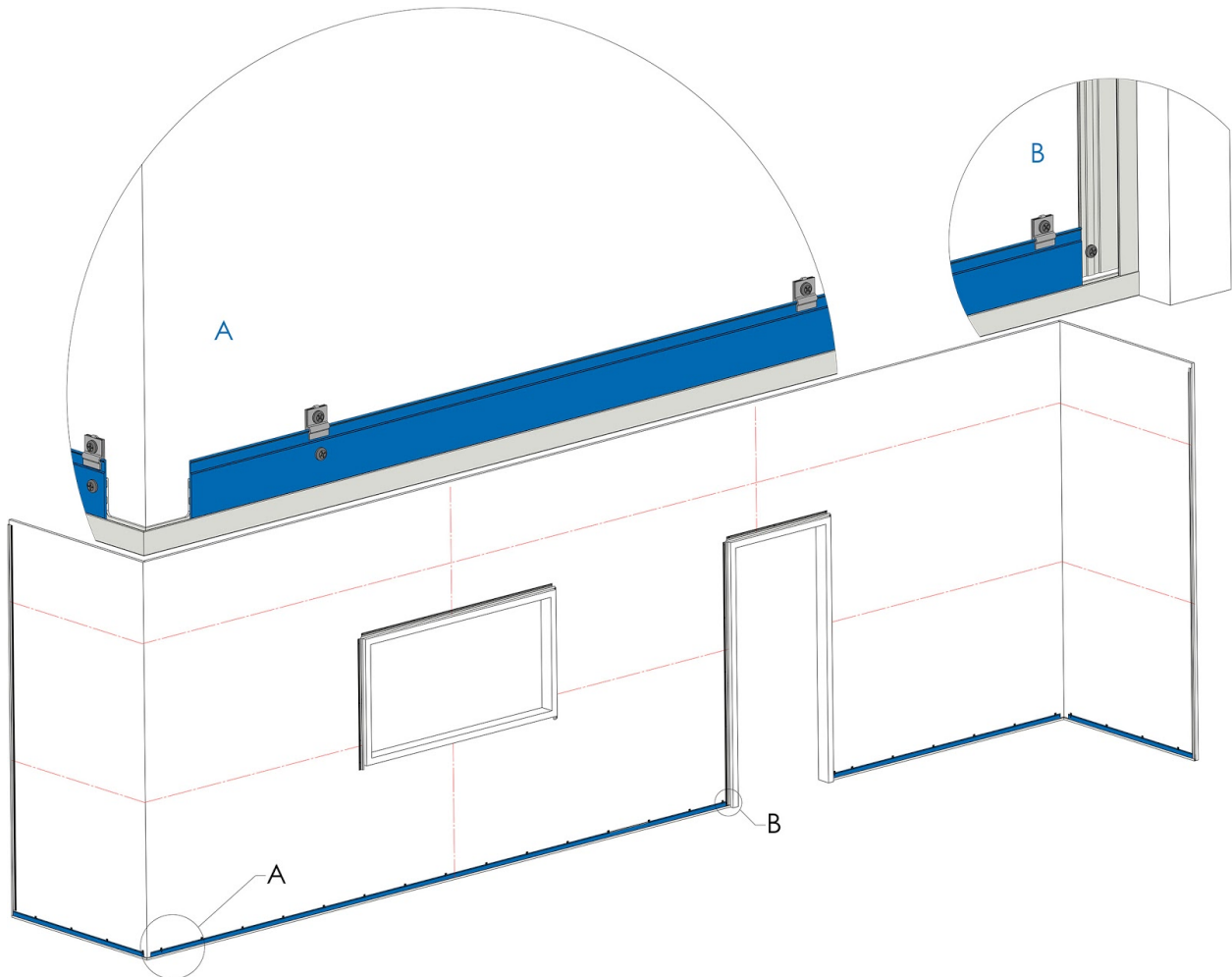
Install J-Track along the bottom edge of the wall area(s), end wall conditions, along the sides and top of doors, windows & other penetrations.

drill weep holes, do not secure where Starter will be installed (see 3.2.②.). Notch J-Track flange at locations of intersecting J-Track and Single Piece Corners



### 3.2.②. Starter

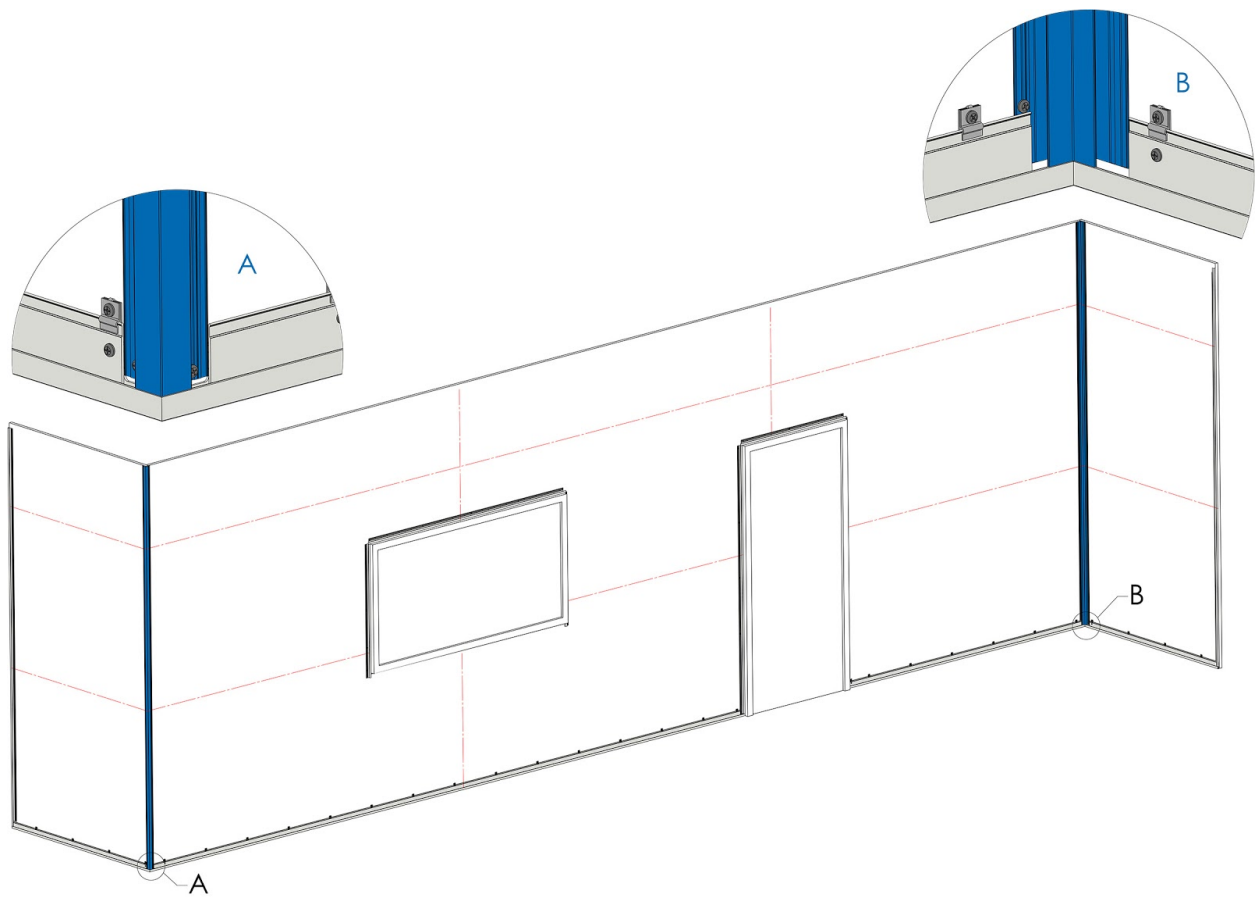
Install Starter along the bottom of the wall (horizontal install) nested inside J-Track. Install using Quick-Screen Clips & hard-fasten through J-Track or two Starters back-to-back (vertical install) at center of panel, for equal width planks at either end.



### 3.2.③. Corners

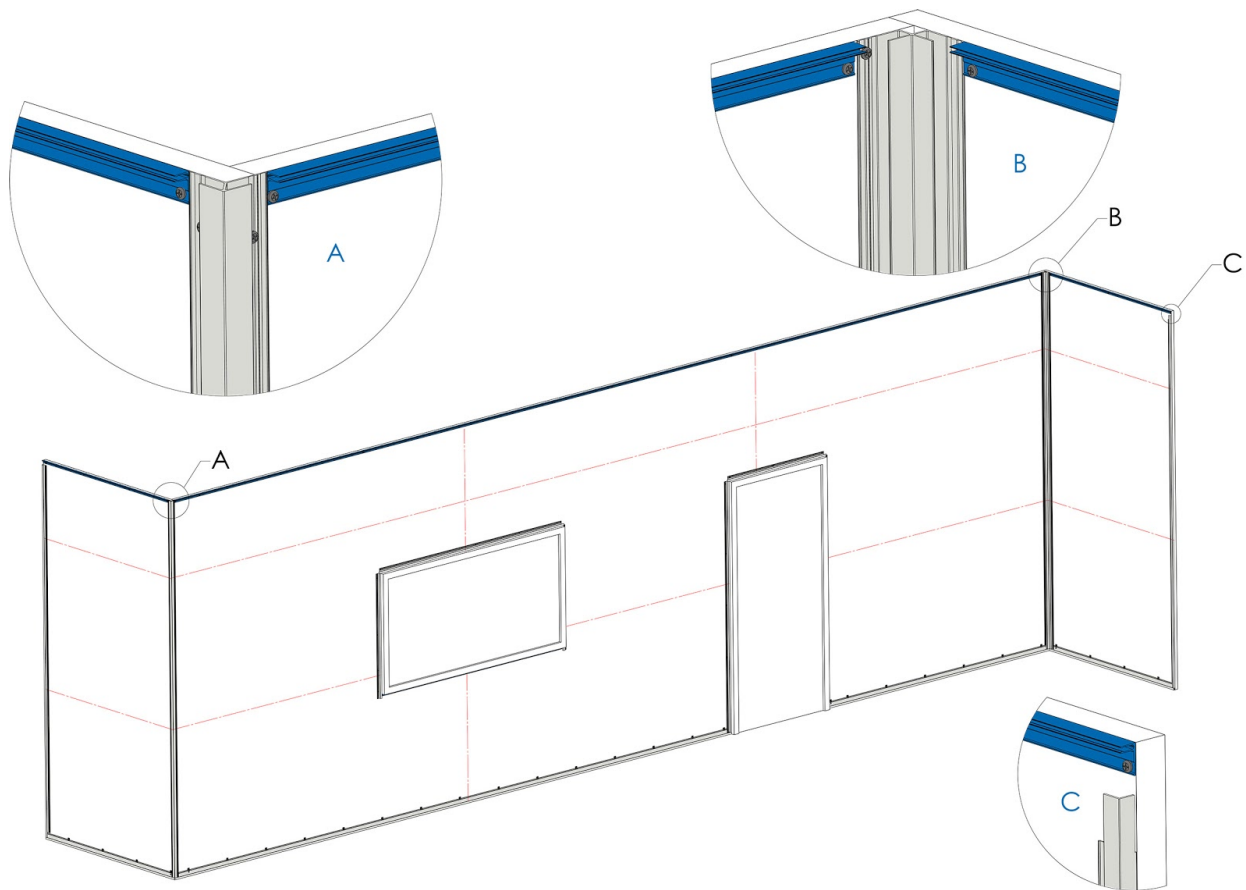
Install Inside & Outside Corners.

*\*Option of Single Piece or 2pc Reversible Corner (2pc. Recommended for vertical Panelboard installs)*



### 3.2.④. End Trim Snap-Cap (base)

Install the 2pc End Trim Snap-Cap (base only) along top of walls and underside of windows (horizontal installs) or end wall terminations where parallel to the planks (vertical planks).

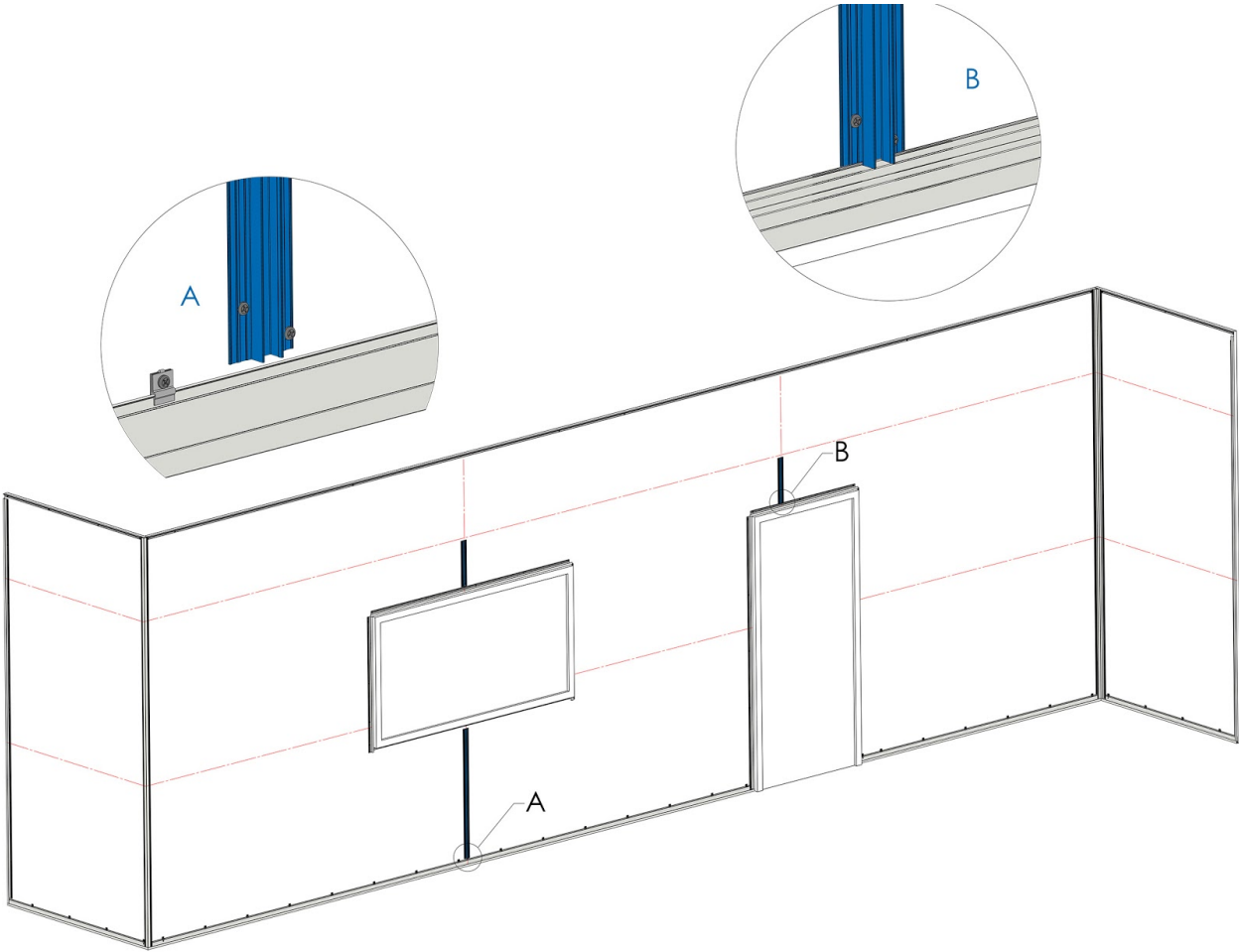


**3.2.⑤. Expansion Base**

Install Base for U Cap to establish panel lengths, ensuring the Base is landing on framing or blocking etc.

1-½" (38mm) U-Cap & Base for up to 24' (7.3m) long panels

¾" (19mm) U-Cap & Base for up to 12' (3.7m) long panels

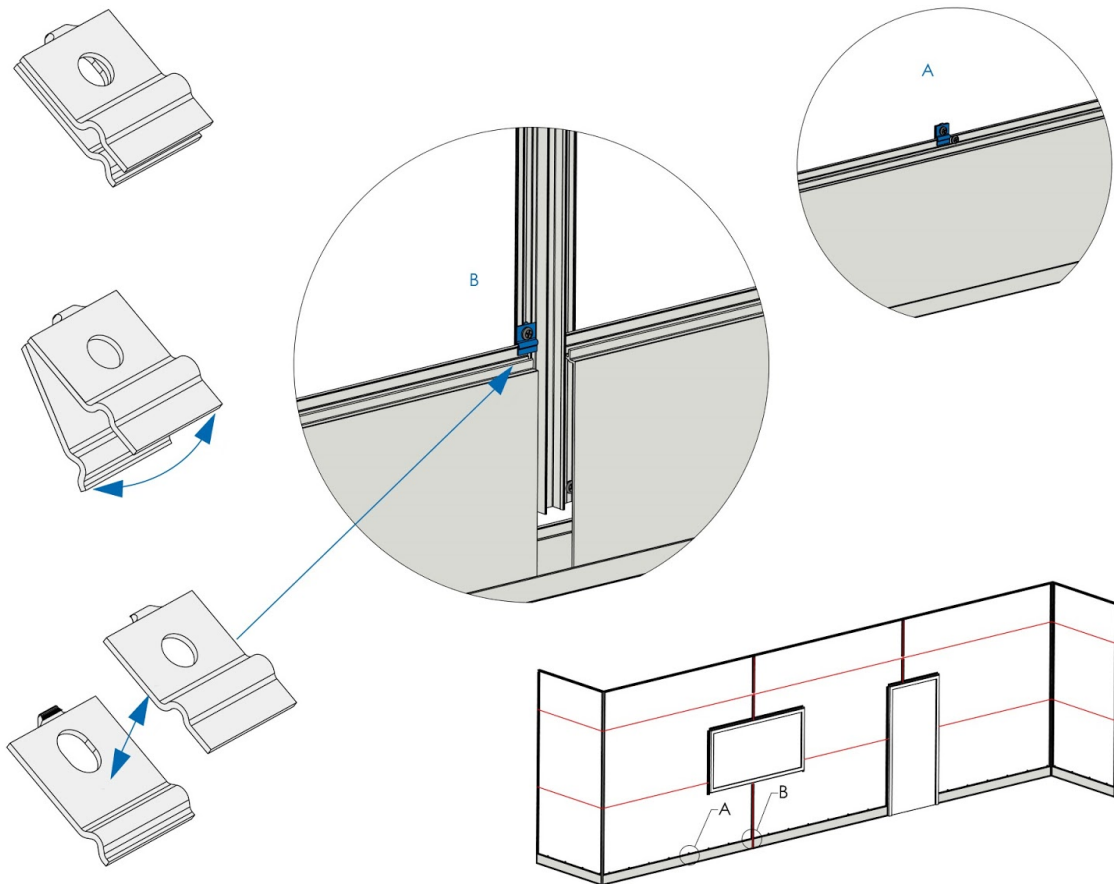
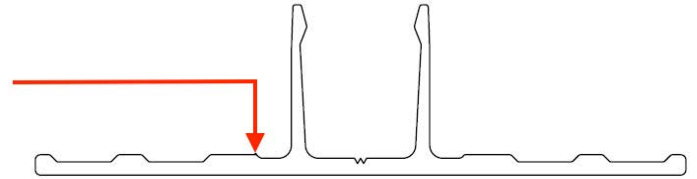


### 3.2.⑥. Planks

Install the first row of planks, engaging with the tongue of the Starter. Check for a level & flat installation, shim Quick-Screen Clips where needed to correct any substrate inconsistencies. Secure the ends by splitting Quick-Screen Clip in half to attach on BASE flange (see Detail B). Place a single hard-fastener near the center of each plank (see Detail A) to prevent migration. \*If installing with butt-joints; hard fasten each plank at the butt-joint end only.

**TIP!** It is good practice to check your installation every 2-3 rows for level/plumb and flat/straight, for best results.

⚠ Install Planks to this point on the expansion Base (shown on  $\frac{3}{4}$ " U-Cap & Base only)

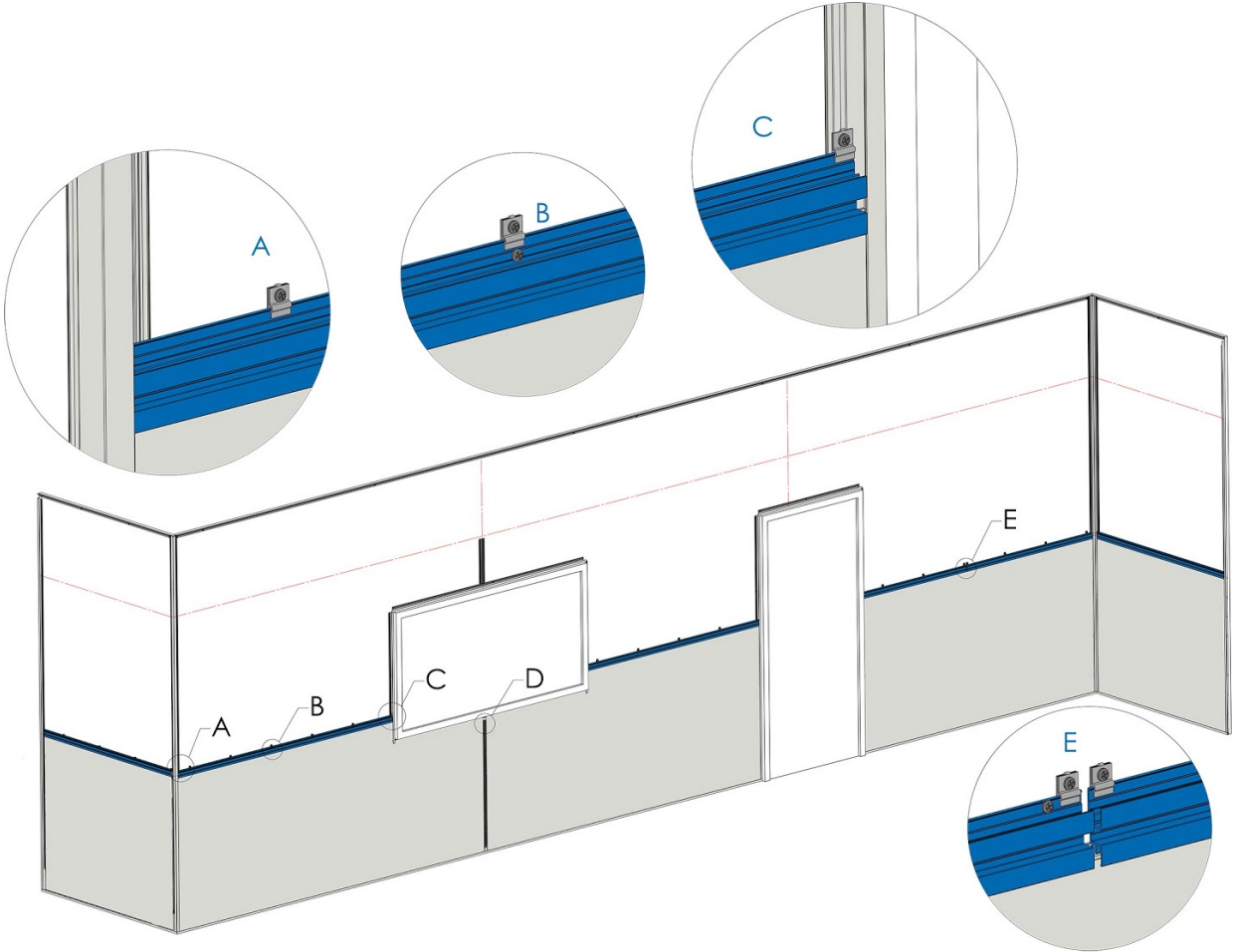




**3.2.⑦. U CHANNEL**

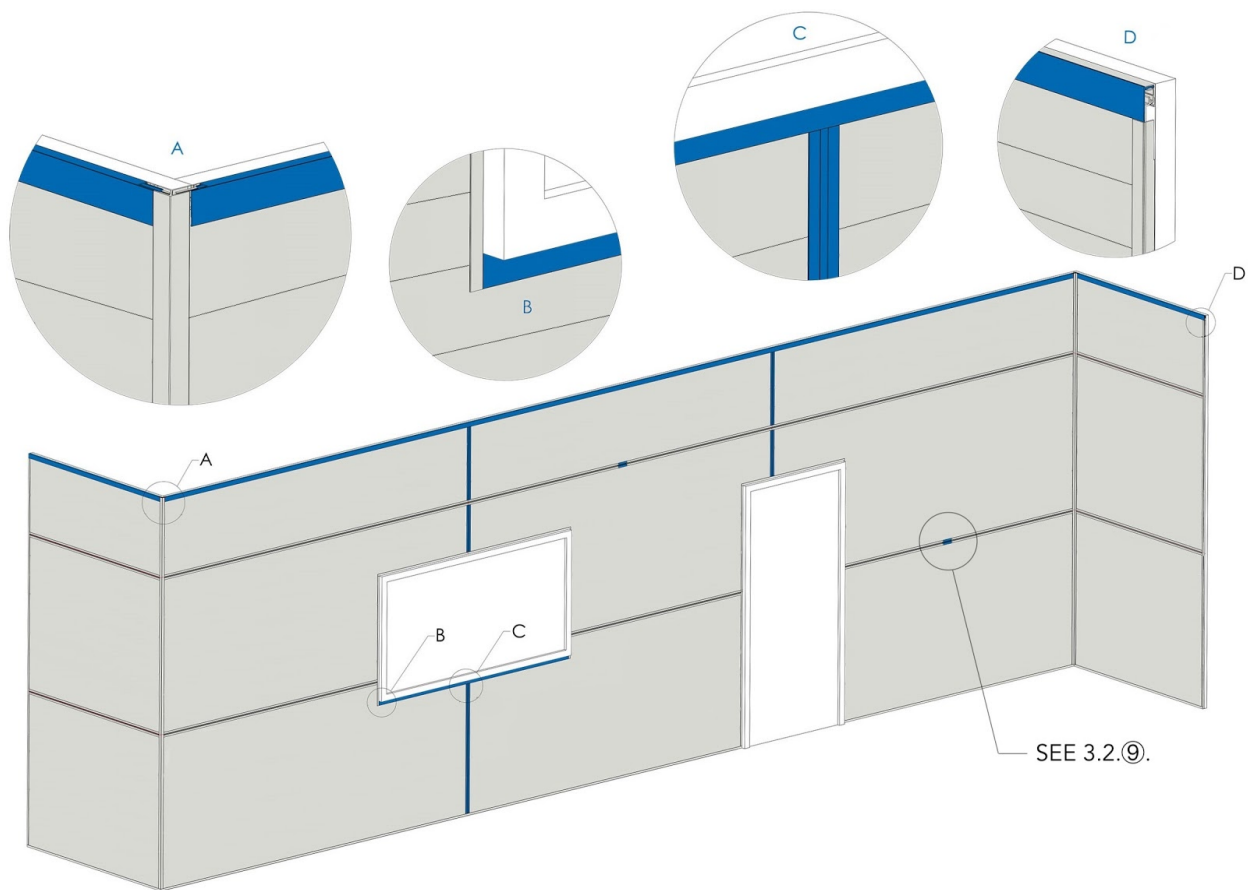
Install U Channel to define the panel size parallel to the planks. Uses tongue & groove to engage with planks above and below. Options are: 1-½" (38mm) or ¾" (19mm)\* (\*max. 12' long panels). Leave a ¼" (6mm) gap at butt-joints when joining multiple U Channels, to be covered using U Channel End Sleeve (see 3.2.⑨).

Continue with the PLANK installation.



### 3.2.⑧. Component Caps

Install all caps: U Cap, End Trim Snap-Cap, Finish Cap. Use a rubber mallet, hammer and block etc. to protect the finish during this process.

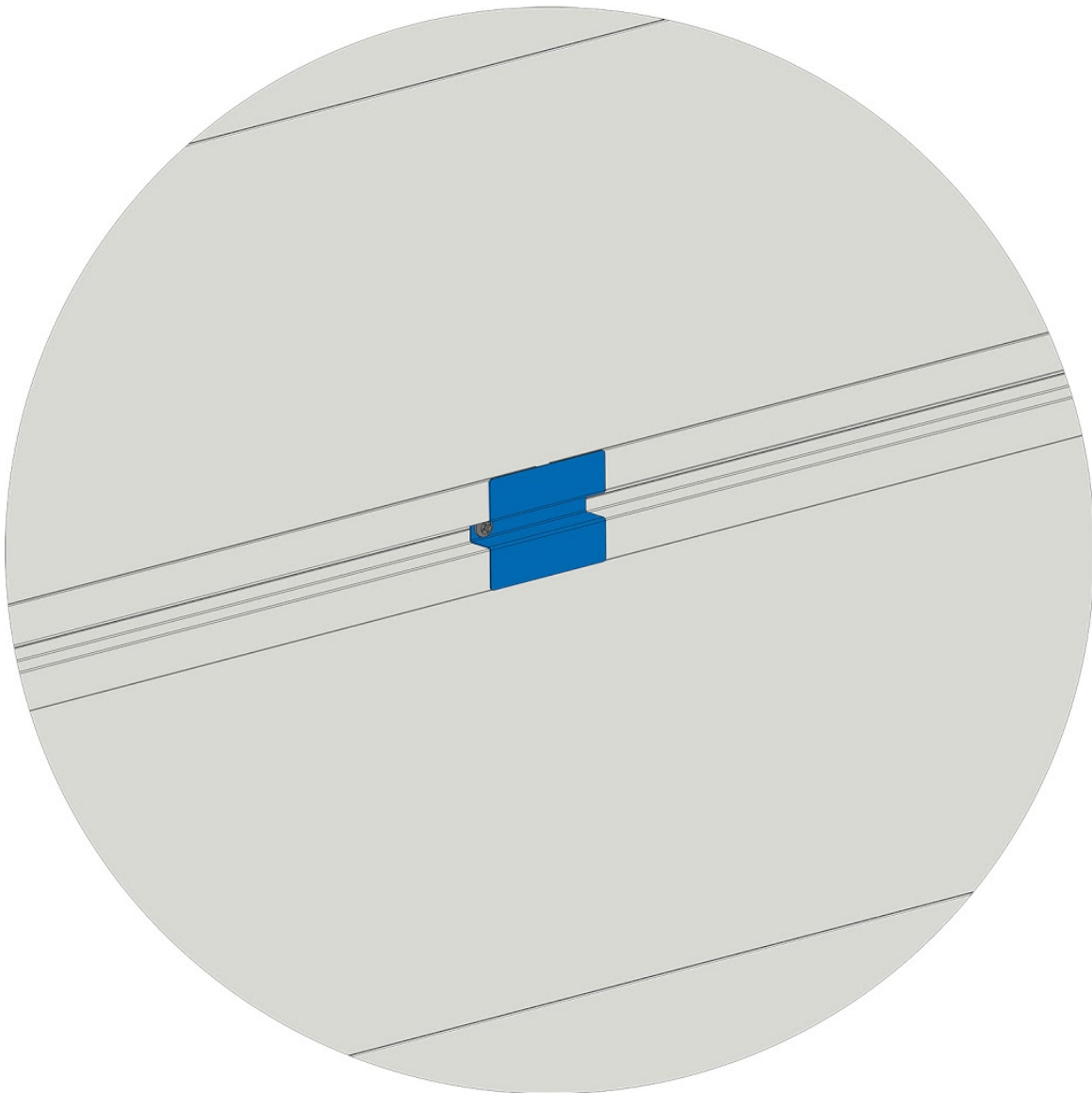


### 3.2.⑨. U Channel End Sleeve

Install U CHANNEL END SLEEVE to butt-jointed ends of U Channel. Center in place to cover the 1/4" gap and fasten accordingly:

1-1/2" (38mm) U Channel End Sleeve: screw in place to one end of U Channel with the supplied black #6 1/2" Phillips Screw

3/4" (19mm) U Channel End Sleeve: use structural silicone (not included) on end side of the sleeve, to adhere to the end of one U Channel



#### 4. Cleaning Recommendations

*\*see Cleaning Guide for full requirements*

[longboardproducts.com](http://longboardproducts.com)

While Longboard finishes require zero maintenance, we do recommend periodic cleaning to keep the product looking its best. Our finish is tested to withstand corrosion, fading and normal wear, however, neglect and rough conditions could have negative effects on the surface finish. These effects will not negate the structural performance of the product, but prolonged exposure to these conditions may result in permanent markings or surface damage.

Cleaning should be done in mild weather, and never in direct sunlight. Always complete a test patch on an inconspicuous area to ensure your detergent is suitable for the surface.

Your Longboard products should be cleaned immediately after installation. This is to remove any construction soils such as oils or dust. How to complete this initial cleaning depends on the level of dirt and the nature of the soil. See the cleaning guide for our suggestions based on soil level. Basic methods use a combination of moderate water pressure, soft sponge/brush and a mild detergent.

⚠ NEVER use aggressive acid or alkaline cleaners on Longboard finishes. Do not use cleaners containing Trisodium Phosphate, Phosphoric Acid, Hydrochloric Acid, Hydrofluoric Acid, Fluorides or any other compound that is known to react with metal.

Always follow the product instructions for dilution. Cleaning the surface with a cleanser that is not diluted may result in damage to the coating.



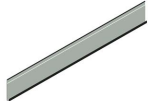









#### 5. WARRANTY
















Upon substantial completion of the project, register for warranty online here:

[longboardproducts.com/warranty](http://longboardproducts.com/warranty)

⚠ Registration is required for the warranty to be in effect.

# APPENDIX

INSTRUCTION REF. #	IMAGE	DESCRIPTION	TYPICAL USE	SECTION DETAIL (scan or click)
①		J-TRACK, 12' (3.7m) LENGTHS, WOODGRAIN, SOLID, SPECIALTY, CUSTOM SOLID	PERPENDICULAR TO PLANKS AROUND WINDOWS, DOORS & END CONDITIONS	
②		STARTER, 12' (3.7m) LENGTHS, MILL FINISH (RAW ALUMINUM), WOODGRAIN, SOLID, SPECIALTY, CUSTOM SOLID	PARALLEL TO THE STARTING PLANK	
③		SINGLE PIECE INSIDE CORNER, 12' (3.7m) LENGTHS, WOODGRAIN, SOLID, SPECIALTY, CUSTOM SOLID.	INSIDE CORNER CONDITIONS, PERPENDICULAR TO PLANKS	
③		SINGLE PIECE OUTSIDE CORNER, 12' (3.7m) LENGTHS, WOODGRAIN, SOLID, SPECIALTY, CUSTOM SOLID	OUTSIDE CORNER CONDITIONS, PERPENDICULAR TO PLANKS	
③ ⑧		TWO-PIECE REVERSIBLE CORNER, 12' (3.7m) LENGTHS, WOODGRAIN, SOLID, SPECIALTY, CUSTOM SOLID	OUTSIDE & INSIDE CORNER CONDITIONS, PARALLEL & PERPENDICULAR TO PLANKS	
② ⑧		FINISH CAP/FINISH BASE, 12' (3.7m) LENGTHS, WOODGRAIN, SOLID, SPECIALTY, CUSTOM SOLID	PERPENDICULAR TO PLANKS, USED AS A 2PC J-TRACK OPTION	

INSTRUCTION REF. #	IMAGE	DESCRIPTION	TYPICAL USE	SECTION DETAIL (scan or click)	
④ ⑧		END TRIM SNAP-CAP, 12' (3.7m) LENGTHS, WOODGRAIN, SOLID, SPECIALTY, CUSTOM SOLID	PARALLEL TO PLANKS, USED AS A TERMINATION COMPONENT		
⑤ ⑧		1-1/2" U-CAP & BASE OR 3/4"* U-CAP & BASE (*max. 12' panels), 12' (3.7m) LENGTHS, SOLID, SPECIALTY, CUSTOM SOLID	PANEL TRANSITION COMPONENT, PERPENDICULAR TO PLANKS, CREATES PANEL LENGTHS		
				1-1/2" U-CAP	3/4" U-CAP
② ⑥		QUICK-SCREEN CLIP, 316 STAINLESS STEEL	PLANK & STARTER ATTACHMENT CLIP (USE #8 SCREW, SUPPLIED BY OTHERS)		
⑥		6" PANELBOARD SMOOTH PLANK, 24' (7.3m) LENGTHS, WOODGRAIN, SOLID, SPECIALTY, CUSTOM SOLID	SIDING PLANK		
⑦		1-1/2" PANELBOARD U-CHANNEL OR 3/4" PANELBOARD U-CHANNEL, 24' (7.3m) LENGTHS, SOLID, SPECIALTY, CUSTOM SOLID	PANEL TRANSITION COMPONENT, PARALLEL TO PLANKS, CREATES PANEL WIDTHS		
				1-1/2" U-CHANNEL	3/4" U-CHANNEL
⑨		1-1/2" PANELBOARD U-CHANNEL END SLEEVE OR 3/4" PANELBOARD U-CHANNEL END SLEEVE, SOLID, SPECIALTY, CUSTOM SOLID	USED W. PB U-CHANNEL (⑦) AT BUTT-JOINT ENDS, TO COVER GAP WHICH ALLOWS FOR EXPANSION & CONTRACTION. *INCLUDED W. ⑦		
				1-1/2" U-CH END SLEEVE	3/4" U-CH END SLEEVE



LONGBOARD®

Light Cherry



LONGBOARD®

Dark Cherry



LONGBOARD®

Western Cedar



LONGBOARD®

Light Fir



LONGBOARD®

Dark Fir



LONGBOARD®

Dark Walnut



LONGBOARD®

Light National Walnut



LONGBOARD®

Dark National Walnut



LONGBOARD®

Table Walnut

## Most Popular Woodgrains



LONGBOARD®

Italian Rosewood





LONGBOARD®  
INSPIRING FACADES

Weathered Grey (Interior Only)



LONGBOARD®  
INSPIRING FACADES

Sand Drift (Interior Only)



LONGBOARD®  
INSPIRING FACADES

Light Oak



LONGBOARD®  
INSPIRING FACADES

Dark Knotty Pine



LONGBOARD®  
INSPIRING FACADES

Dark Antique Oak



LONGBOARD®  
INSPIRING FACADES

Dark Acacia



LONGBOARD®  
INSPIRING FACADES

Light Bamboo



LONGBOARD®  
INSPIRING FACADES

Dark Bamboo



LONGBOARD®  
INSPIRING FACADES

White Oak

## Additional Woodgrains



LONGBOARD®  
INSPIRING FACADES

Birchwood







Black

Brick Red

Medium Blue



Dark Brown

Classic Bronze

Slate Grey



Ultra White

C. Charcoal

Charcoal

# Standard Solid Colours



Bone White





Biscotti



Canyon Vista



Burnt Sienna



Venus



Platinum Ice



Moonstone

# Specialty Finishes

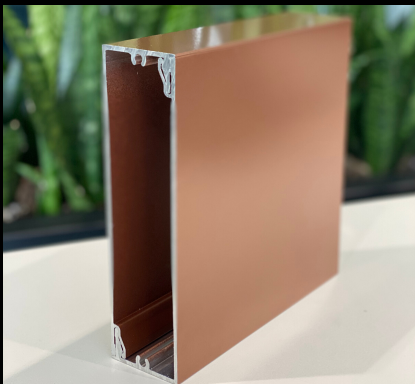
**\*\* NEW \*\***



**LONGBOARD®**  
INSPIRING FACADES



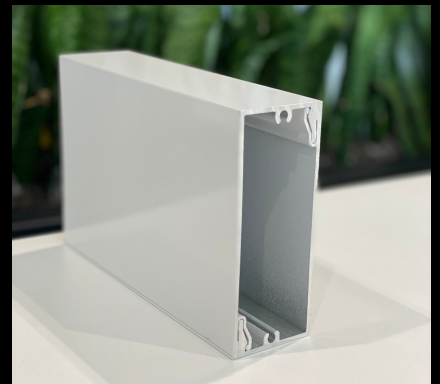
Anodic Ice



Copper Penny



Old Navy



Ceramic Clay



Mayne Inc. #120 – 1777 Clearbrook Rd Abbotsford, BC Canada V2T 5X5  
Mayne Inc. the Manufacturers of Longboard® Products  
Office: 1.800.604.0343  
Email: [info@longboardproducts.com](mailto:info@longboardproducts.com)  
Web: longboardproducts.com

**15 Year Powder Coating Finish Limited Warranty for Longboard Products**  
**50 Year Extruded Aluminum Profiles Limited Warranty for Longboard Products**

warrants to;

Please input company name that's registering the warranty

that any Longboard products as identified by the Product Codes listed below, Longboard products will conform to the standards set out in Clause 1 and Clause 2 of this Warranty, subject to the terms and conditions set out in Clause 3 and 4 of this Warranty.



Product Codes	Description



Print Name of Contractor or Owner:

Project Name:

Property Address:

Substantial Date of Completion:

Description of Product on jobsite:





I have read and agree to the terms of the Mayne Inc.'s Longboard Product 15 year powder coated surface and 50 year aluminum extruded profile(s) warranty and acknowledge receipt of a copy of the Warranty Certificate.

[Redacted signature area]

(Name of Owner/Contractor)

[Redacted signature area]

(Signature)

[Redacted signature area]

(Date)

Duly authorized for on behalf of Mayne Inc.  
[Redacted signature area]

(Name and Designation)

(Signature)

(Date)





#### Clause 1.0

##### Extruded Aluminum Profile(s)

Mayne Inc. expressly warrants that its product line is free from manufacturing defects in material or workmanship.

- 1.1 When siding is applied according to Longboard instructions and properly maintained, such product is guaranteed against the following:
- 1.2 Buckling: The product itself will be free of any buckling that is not associated with the substrate and/or structure to which the Longboard system is attached. For the purpose of this warranty, buckling shall be defined as warping of the product(s) exceeding one sixteenth of an inch out of plane per linear foot.
- 1.3 Corrosion: When applied according to Mayne Inc. instructions and properly maintained, such product is further guaranteed against rusting and corroding. Subject to the limitations set out in Clause 3 and 4.
- 1.4 What we will do: If, during the fifteenth (15<sup>th</sup>) year Limited Warranty Period on the powder coating finish, the Product is defective in material or workmanship, Mayne Inc. will, in its sole discretion, either repair or replace the defective portion of the Product.
- 1.5 What we will do: If, during the 50-year Limited Warranty Period on the aluminum extruded profiles, the Product is defective in material or workmanship, Mayne Inc. will, in its sole discretion, either repair or replace the defective portion of the Product.





Clause 1.0 continued  
Extruded Aluminum Profile(s)

Mayne Inc. expressly warrants that its product line is free from manufacturing defects in material or workmanship continued:

- 1.5 After the 15<sup>th</sup> year, this Limited Warranty on the powder coated finish will expire and shall no longer be applicable.
- 1.6 After the 50<sup>th</sup> year, this Limited Warranty on the aluminum extruded profile(s) will expire and shall no longer be applicable.
- 1.7 Mayne Inc. replacement of the defective Product or reimbursement of this Limited Warranty is the exclusive remedy for the Covered Person for any defect in materials or workmanship. Mayne Inc. will not refund or pay any costs in connection with labor or accessory materials.





Clause 2.0  
Alluminate Ultra Finish

- 2.1 During the first fifteen (15) years of this warranty:
- 2.2 Checking/Cracking: No visible checking or cracking of the Alluminate Ultra Finish on the building.
- 2.3 Chalking Resistance: No chalking of the Alluminate Ultra Finish on the building in excess of that represented by No.6 rating based on ASTM D4214.
- 2.4 Color Retention: No color change of the Alluminate Ultra Finish on the building greater than 5 (five) CIE Lab  $\Delta E$  units calculated in accordance with ASTM 2244 Section 6.3. Color change shall be measured on the exposed paint surface which has been cleaned of oil, grease, chalk, oxidized film or other contaminants, corresponding values shall be measured on the control panel.
- 2.5 Gloss Retention: Coated surface will exhibit gloss retention of a minimum of 30% of the original. Gloss retention shall be measured on the exposed paint surface which has been cleaned of oil, grease, chalk, oxidized film or other contaminants, corresponding values shall be measured on the control panel.
- 2.6 Adhesion: Adhesion of Alluminate Ultra Finish when initially applied to test panels and measured by reference to AAMA 2604-02 Clause 7.4.2 will show no removal of the film.



#### Clause 3.0

3.1 Warranty Terms and Conditions:

3.2 The “Warranty Period” for the warranties in Clause 1 shall mean fifty (50) years or for as long as the original “owner” and/or “purchaser” named above shall live and own the property on which the material was originally installed.

3.3 Clause 3: Shall mean fifteen (15) years, commencing on the date of completion.

3.4 Registration of the product is required for the warranty to be in effect. This warranty is valid for the original purchaser and one other owner of the structure where the product(s) have been installed.

3.7 Normal atmospheric conditions exclude corrosive or aggressive atmospheres such as those contaminated with chemical fumes or other corrosive elements. The Aluminate Ultra finish is not meant for marine use on boats, ships or offshore platforms.

#### Clause 4.0

4.1 This warranty will not extend or cover:

4.2 Damages to the coated metal caused by handling, shipping, processing and/or installation; or

4.3 Damages to the coated metal caused by scratching or abrading after installation; or

4.4 Damages to the coated metal as a result of standing water in horizontal installations.



Clause 4.0 continued

- 4.5 The warranty will not be applicable to damage or failure, which is caused by acts of God, falling objects, external forces, explosions, fire, riots, civil commotion's, acts of war, or other such similar or dissimilar occurrences beyond Mayne Inc.'s control.
- 4.6 Customer shall make available to Mayne Inc. the dates of the installation of the coated metal, the maintenance records including details of washing and cleaning procedures in compliance with the annual cleaning requirements as stated in the Required Maintenance section of this warranty. Customers shall demonstrate that the failure of the coated metal was due to a breach of the warranty stated herein.
- 4.7 Claims must be made in writing to Mayne Inc. within 30 days of the discovery of a problem and authorization obtained prior to beginning any repair and/or refinishing work. The claimant must provide proof of coverage. Claims can be made by writing to Mayne Inc. at the Product Performance Department. After receiving such notice, Mayne Inc. must be given a reasonable opportunity to inspect and verify the claim.
- 4.8 Mayne Inc. exclusive liability under this warranty, or otherwise, will be limited to refinishing and/or repairing, at Mayne Inc.'s sole discretion, the defective powder coating. The warranty on any refinished, repaired or replaced coated metal supplied hereunder shall be for the remainder of the warranty period applicable to the originally coated metal. All warranty work will be performed by a company or contractor selected by Mayne Inc. Color variance between refinished and/or repainted product and original shall not be indicative of a defect.

## Clause 4.0 continued

- 4.9 This warranty represents the entire agreement between parties in relation to its subject matter and supersedes any previous agreement whether written or oral between the parties in relation to its subject matter. The limited warranties state the entire liability of Mayne Inc. with respect to the products covered by them. Mayne Inc. Shall have no liability for any incidental or consequential damages. No person is authorized to make any representation or warranty on behalf of Mayne Inc. except as expressly set forth above, and any such statement shall not be binding on Mayne Inc. Except as expressly set forth above, Mayne Inc makes no warranty of any kind, express or implied, including, without limitation, any implied warranty of merchantability or fitness for a particular purpose. Warranties shall be the duration of the limited warranty or such shorter duration as provided under applicable local law. These limited warranties give you specific legal rights, and you may also have other rights which vary from area to area.
- 4.91 Nothing in this warranty shall be construed as a warranty of the workmanship of any installer or as imposing on Mayne Inc. any liability for unsatisfactory performance caused by faulty workmanship in installation.
- 4.92 It's agreed all parties involved that all claims and disputes relating to this agreement that cannot be settled through negotiation will try in good faith to first settle the dispute by mediation administered by the American Arbitration Association (Construction Industry Mediation Procedures) as a prelude to mandatory binding arbitration. Such binding arbitration is to be conducted and administered by the Construction Industry Arbitration Rules of the American Arbitration Association. Both seller and purchaser agree to share equally in the costs of both mediation and arbitration and that such binding arbitration will be the sole and final remedial action.
- 4.93 Required Maintenance. On an annual basis use a soft sponge or cloth, water and mild detergent, non-abrasive soap with the pH range of 5-9 to clean the powder coated area of dirt, grim and other debris. Pressure washing and the use of harsh detergents or chemicals is not recommended. Include in your maintenance records the following: date, time, specific products used, name of maintenance person and their designation, maintenance company name and general condition of the powder coated finish.



Mayne Inc. #120 – 1777 Clearbrook Rd Abbotsford, BC Canada V2T 5X5  
Mayne Inc. the Manufacturers of Longboard® Products  
Office: 1.800.604.0343  
Email: [info@longboardproducts.com](mailto:info@longboardproducts.com)  
Web: longboardproducts.com

**20 Year Powder Coating Finish Limited Warranty for Longboard Products**  
**50 Year Extruded Aluminum Profiles Limited Warranty for Longboard Products**

warrants to;

Please input company name that's registering the warranty

that any Longboard products as identified by the Product Codes listed below, Longboard products will conform to the standards set out in Clause 1 and Clause 2 of this Warranty, subject to the terms and conditions set out in Clause 3 and 4 of this Warranty.



Product Codes	Description



Print Name of Contractor or Owner:

Project Name:

Property Address:

Substantial Date of Completion:

Description of Product on jobsite:





I have read and agree to the terms of the Mayne Inc.'s Longboard Product 20 year powder coated surface and 50 year aluminum extruded profile(s) warranty and acknowledge receipt of a copy of the Warranty Certificate.

[Redacted signature area]

(Name of Owner/Contractor)

[Redacted signature area]

(Signature)

[Redacted signature area]

(Date)

Duly authorized for on behalf of Mayne Inc.

[Redacted signature area]

(Name and Designation)

(Signature)

(Date)







#### Clause 1.0

##### Extruded Aluminum Profile(s)

Mayne Inc. expressly warrants that its product line is free from manufacturing defects in material or workmanship.

- 1.1 When siding is applied according to Longboard instructions and properly maintained, such product is guaranteed against the following:
- 1.2 Buckling: The product itself will be free of any buckling that is not associated with the substrate and/or structure to which the Longboard system is attached. For the purpose of this warranty, buckling shall be defined as warping of the product(s) exceeding one sixteenth of an inch out of plane per linear foot.
- 1.3 Corrosion: When applied according to Mayne Inc. instructions and properly maintained, such product is further guaranteed against rusting and corroding. Subject to the limitations set out in Clause 3 and 4.
- 1.4 What we will do: If, during the twenty (20) year Limited Warranty Period on the powder coating finish, the Product is defective in material or workmanship, Mayne Inc. will, in its sole discretion, either repair or replace the defective portion of the Product.
- 1.5 What we will do: If, during the 50-year Limited Warranty Period on the aluminum extruded profiles, the Product is defective in material or workmanship, Mayne Inc. will, in its sole discretion, either repair or replace the defective portion of the Product.





Clause 1.0 continued  
Extruded Aluminum Profile(s)

Mayne Inc. expressly warrants that its product line is free from manufacturing defects in material or workmanship continued:

- 1.5 After the 20<sup>th</sup> year, this Limited Warranty on the powder coated finish will expire and shall no longer be applicable.
- 1.6 After the 50th year, this Limited Warranty on the aluminum extruded profile(s) will expire and shall no longer be applicable.
- 1.7 Mayne Inc. replacement of the defective Product or reimbursement of this Limited Warranty is the exclusive remedy for the Covered Person for any defect in materials or workmanship. Mayne Inc. will not refund or pay any costs in connection with labor or accessory materials.



Clause 2.0  
Alluminate Ultra Finish

- 2.1 During the first twenty (20) years of this warranty:
- 2.2 Checking/Cracking: No visible checking or cracking of the Alluminate Ultra Finish on the building.
- 2.3 Chalking Resistance: No chalking of the Alluminate Ultra Finish on the building in excess of that represented by No.8 rating based on ASTM D4214.
- 2.4 Color Retention: No color change of the Alluminate Ultra Finish on the building greater than 5 (five) CIE Lab  $\Delta E$  units calculated in accordance with ASTM 2244 Section 6.3. Color change shall be measured on the exposed paint surface which has been cleaned of oil, grease, chalk, oxidized film or other contaminants, corresponding values shall be measured on the control panel.
- 2.5 Gloss Retention: Coated surface will exhibit gloss retention of a minimum of 30% of the original. Gloss retention shall be measured on the exposed paint surface which has been cleaned of oil, grease, chalk, oxidized film or other contaminants, corresponding values shall be measured on the control panel.
- 2.6 Adhesion: Adhesion of Alluminate Ultra Finish when initially applied to test panels and measured by reference to AAMA 2604-02 Clause 7.4.2 will show no removal of the film.

Clause 3.0

3.1 Warranty Terms and Conditions:

3.2 The “Warranty Period” for the warranties in Clause 1 shall mean fifty (50) years or for as long as the original “owner” and/or “purchaser” named above shall live and own the property on which the material was originally installed.

3.3 Clause 3: Shall mean fifteen (20) years, commencing on the date of completion.

3.4 Registration of the product is required for the warranty to be in effect. This warranty is valid for the original purchaser and one other owner of the structure where the product(s) have been installed.

3.7 Normal atmospheric conditions exclude corrosive or aggressive atmospheres such as those contaminated with chemical fumes or other corrosive elements. The Aluminate Ultra finish is not meant for marine use on boats, ships or offshore platforms.

Clause 4.0

4.1 This warranty will not extend or cover:

4.2 Damages to the coated metal caused by handling, shipping, processing and/or installation; or

4.3 Damages to the coated metal caused by scratching or abrading after installation; or

4.4 Damages to the coated metal as a result of standing water in horizontal installations.

Clause 4.0 continued

- 4.5 The warranty will not be applicable to damage or failure, which is caused by acts of God, falling objects, external forces, explosions, fire, riots, civil commotion's, acts of war, or other such similar or dissimilar occurrences beyond Mayne Inc.'s control.
- 4.6 Customer shall make available to Mayne Inc. the dates of the installation of the coated metal, the maintenance records including details of washing and cleaning procedures in compliance with the annual cleaning requirements as stated in the Required Maintenance section of this warranty. Customers shall demonstrate that the failure of the coated metal was due to a breach of the warranty stated herein.
- 4.7 Claims must be made in writing to Mayne Inc. within 30 days of the discovery of a problem and authorization obtained prior to beginning any repair and/or refinishing work. The claimant must provide proof of coverage. Claims can be made by writing to Mayne Inc. at the Product Performance Department. After receiving such notice, Mayne Inc. must be given a reasonable opportunity to inspect and verify the claim.
- 4.8 Mayne Inc. exclusive liability under this warranty, or otherwise, will be limited to refinishing and/or repairing, at Mayne Inc.'s sole discretion, the defective powder coating. The warranty on any refinished, repaired or replaced coated metal supplied hereunder shall be for the remainder of the warranty period applicable to the originally coated metal. All warranty work will be performed by a company or contractor selected by Mayne Inc. Color variance between refinished and/or repainted product and original shall not be indicative of a defect.

## Clause 4.0 continued

- 4.9 This warranty represents the entire agreement between parties in relation to its subject matter and supersedes any previous agreement whether written or oral between the parties in relation to its subject matter. The limited warranties state the entire liability of Mayne Inc. with respect to the products covered by them. Mayne Inc. Shall have no liability for any incidental or consequential damages. No person is authorized to make any representation or warranty on behalf of Mayne Inc. except as expressly set forth above, and any such statement shall not be binding on Mayne Inc. Except as expressly set forth above, Mayne Inc makes no warranty of any kind, express or implied, including, without limitation, any implied warranty of merchantability or fitness for a particular purpose. Warranties shall be the duration of the limited warranty or such shorter duration as provided under applicable local law. These limited warranties give you specific legal rights, and you may also have other rights which vary from area to area.
- 4.91 Nothing in this warranty shall be construed as a warranty of the workmanship of any installer or as imposing on Mayne Inc. any liability for unsatisfactory performance caused by faulty workmanship in installation.
- 4.92 It's agreed all parties involved that all claims and disputes relating to this agreement that cannot be settled through negotiation will try in good faith to first settle the dispute by mediation administered by the American Arbitration Association (Construction Industry Mediation Procedures) as a prelude to mandatory binding arbitration. Such binding arbitration is to be conducted and administered by the Construction Industry Arbitration Rules of the American Arbitration Association. Both seller and purchaser agree to share equally in the costs of both mediation and arbitration and that such binding arbitration will be the sole and final remedial action.
- 4.93 **Required Maintenance.** On an annual basis use a soft sponge or cloth, water and mild detergent, non-abrasive soap with the pH range of 5-9 to clean the powder coated area of dirt, grim and other debris. Pressure washing and the use of harsh detergents or chemicals is not recommended. Include in your maintenance records the following: date, time, specific products used, name of maintenance person and their designation, maintenance company name and general condition of the powder coated finish.

Distributed by:



p: 1-866-716-2436

e: [info@facadespec.com](mailto:info@facadespec.com)w: [facadespecialtiesinc.com](http://facadespecialtiesinc.com)

10 of 10

