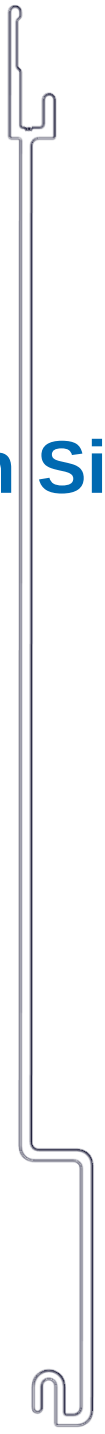
LONGBOARD®
INSPIRING ARCHITECTURE



Board & Batten Siding

Installation Guidelines

Table of Contents

Material Specifications

Finishes

- Longboard Siding finishes are available in 4 solid tier 1 colors.
- Longboard Products are not recommended for use on marine applications in direct contact with salt water.

Longboard extruded products are produced 1” (25mm) oversized, as one end is drilled for the coating process and must be cut off for best results. Longboard Cladding is to be installed outboard of a weather resistant barrier, including all flashings, following code, and building requirements.

Material Ordering & Delivery

• Packaging:	Planks are sold in box quantities: 7” Planks: 56 SQ FT/Box (8/12’s) w. 56pcs Quick-Screen Clips included Components are sold individually by the 12’ (3.7m) length.
• Shipping:	Ready to ship within 1 week Delivered on 12’ (3.6m) long skids weighing up to 2000 lbs. A mechanical lift with forks is required on site to receive the order.
• QC:	Always inspect the delivery for damage and contact LB ASAP if there are any issues: 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.

Storage & Handling

Be sure to store the material flat, keep it dry, safe & secure and remain in unopened cartons until ready to be installed. **See Appendix for proper handling and care instructions.**

Cleaning Recommendations

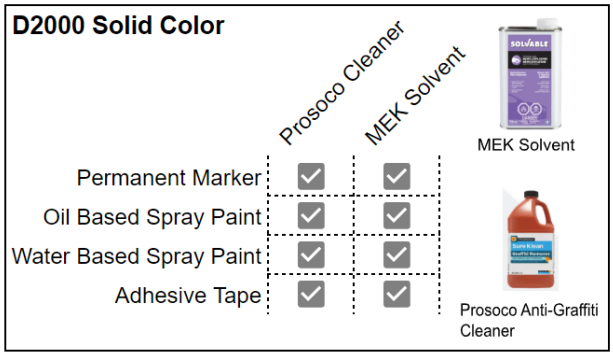
- Initial and periodic cleaning for best looking product
- Basic methods use a combination of moderate water pressure, soft sponge/brush and a mild detergent (Safe for your hands, safe for the product)

⚠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.
See Cleaning Guide for full requirements & cleaning schedule:
longboardproducts/resources/care-maintenance.com

Warranty

Upon substantial completion of the project, register for warranty online here: longboardproducts.com/warranty
⚠Registration is required for the warranty to be in effect.

Graffiti Removal



Note: Cleaning the surface with a cleanser that is not diluted as per instructions may result in damage to the coating.

Components

Components (Typical)

Longboard Siding system consists of many components used in conjunction with each other to create a seamless look. For all LB components go to longboardproducts.com.

Residential Systems

Lap Siding *48 sq. ft. box quantities*

Size	12'
6"	6L.145

Board & Batten *56 sq.ft. box quantities*

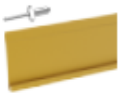
Size	12'
7"	7BB.145

Accessories

Product	Qty	SKU
Quick Screen Clips	1750, box	CLIP.N1750
Quick Screen Clips	100, bag	CLIP.N100
1/16" U-SHIM	250, bag	SHIM.1001
Butt-Joint Fastening Kit (6")	20 kits, bag	TGBJKIT
Touch Up Pens *Reach out to confirm color with account manager.*	N/A	TUP


U-Shim


Quick Screen Clips


Butt Joint


Pens

Trim Components

Type	Style	Product	Dimensions	SKU
J Track	Craftsman	J Track	(7/8")-12'	JT23.145
J Track	Craftsman	Two Piece J Track	(7/8")-12'	JT23S.145
J Track	Traditional	J Track	(1-3/8")-12'	JT35.145
Drip	Drip Edge	Drip Edge	(7/8")-12'	2DE.145
Compression	Traditional	Compression Joint	(7/8")-12'	2CJ.289
Corner	Traditional	Corner Set	(1-2") - 12'	2CORS.145
Reveal	Traditional	Flat Reveal Set	(2") - 12'	2FRS.145
Starter	Traditional	Starter Strip	(1-7/8")-12'	2SS.145
Starter	Board & Batten	Back to Back Starter	(5.5")-12'	6BTBS.145


Lap Siding (Double)


Board & Batten (Double)


Board & Batten Back to Back Starter


Craftsman J Track


Craftsman 2 piece J track


Traditional J Track


Drip Edge


Traditional Compression Joint


Traditional Corner Set

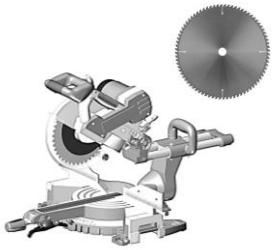
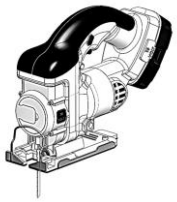
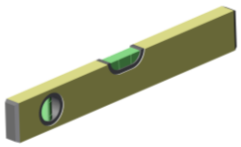

Traditional Flat Reveal Set


Starter Strip

Tools/Cutting/Fastening

Tools

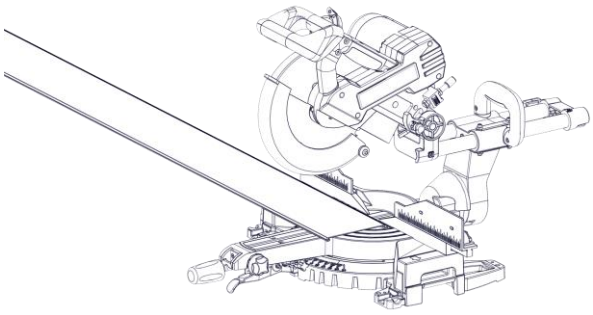
Commonly used tools for T&G Cladding install.

			
Table Saw with Carbide Metal Blade Non-ferrous 60-80T (for cutting aluminum)	Miter Saw with Carbide Metal Blade Non-ferrous 60-80T (for cutting aluminum)	Cordless Drill with clutch	Jig Saw (for protrusions)
			 *Length, thread and point to suit substrate
Rubber Mallet (or Hammer)	Level	Hole Saw (for lighting fixtures)	#10 Pan Head Screws (Available for purchase)

Cutting

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

Cut planks using a Miter Saw and Table Saw, always allowing for expansion & contraction. Trim the taped/drilled ends of all stock length material by at least **1/2“ (12mm) each end** and discard.



⚠ DO NOT Install Board & Batten without trimming the ends.

Fastening

⚠ Always consult the project engineer, architect or authority having jurisdiction to understand the project specific fastening requirements.

Typical spacing:
-using **#10 Fasteners** (Available for purchase)

Trim components including Starter Strip

- **16” (406mm) O.C.**

Planks
Standard wind loads

- **32” (813mm) O.C.**

Higher wind loads

- **16” (406mm) O.C.**

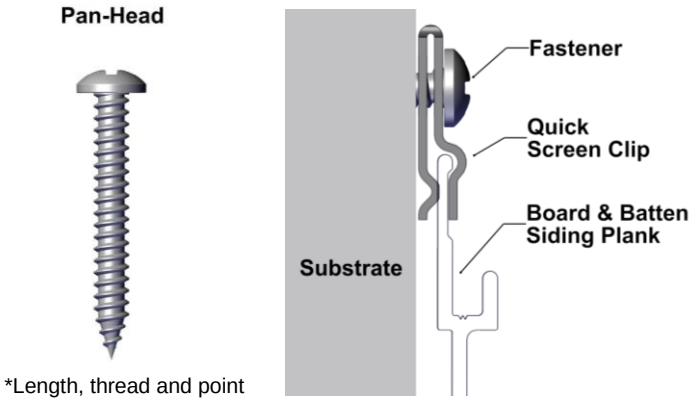
See **Appendix for fastening specs:**
Fastening to Structure -Table 3
Fastening to Sheathing Table 4

Framing/Furring requirements

Always consult the local building authority and follow local building code requirements.
When attaching to **Hitch Cladding attachment System** refer to Hitch Install Guide for requirements.
See **Appendix for framing/furring/sheathing specs: Tables 3-4**

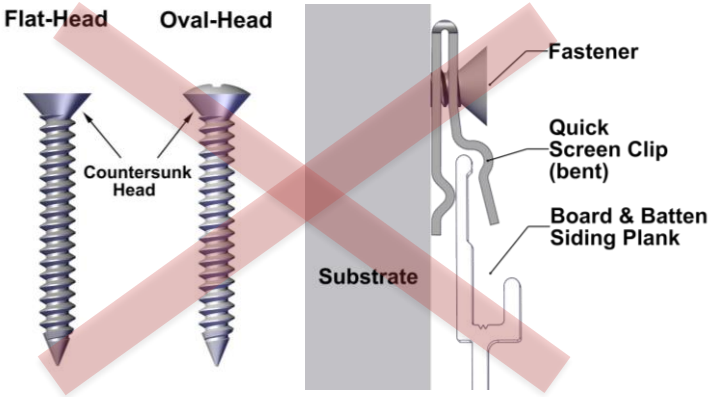
Fastener types

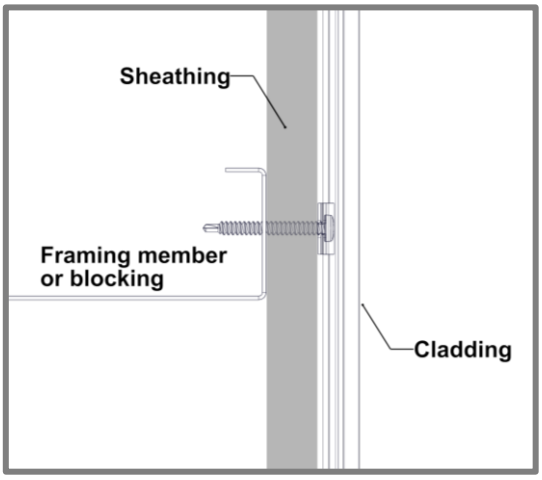
RECOMMENDED **CORRECT**



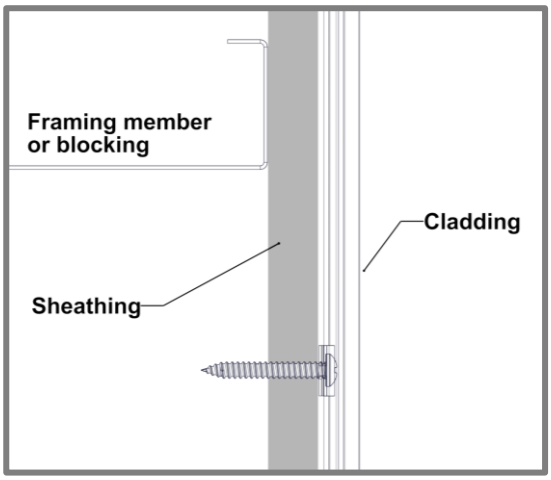
*Length, thread and point to suit substrate

DO NOT USE **INCORRECT**





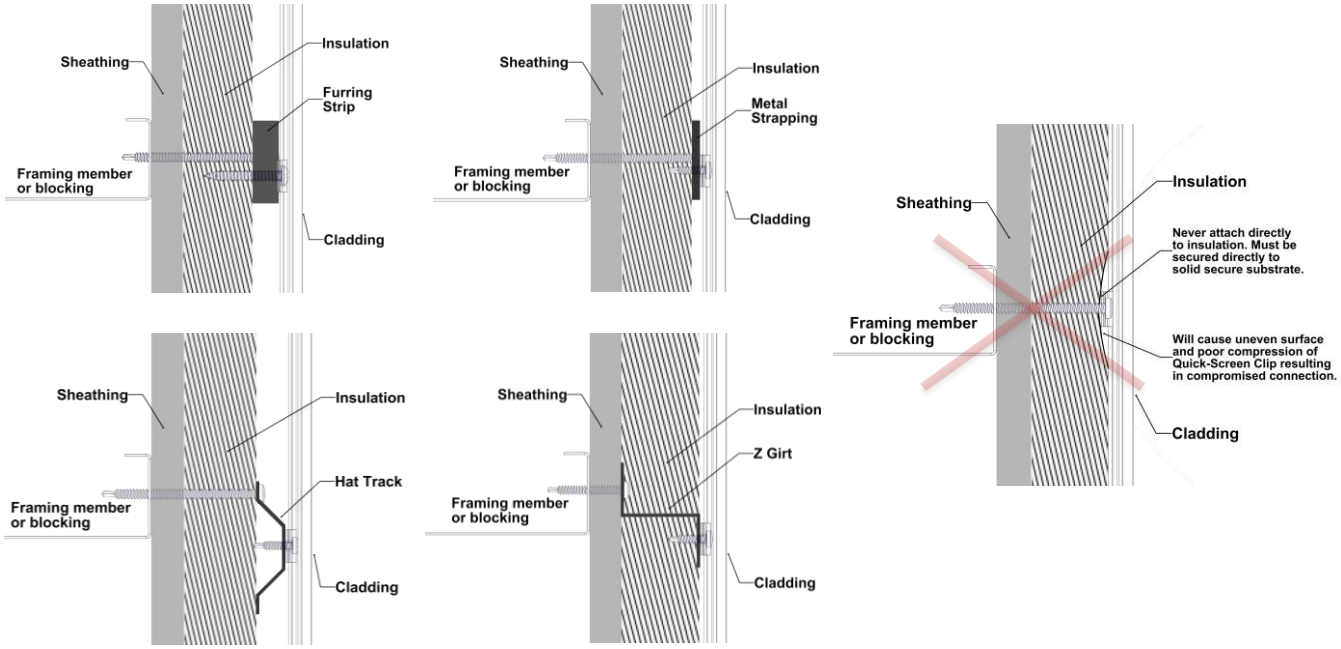
Fastening to Structure
(see Table 3 for specs)



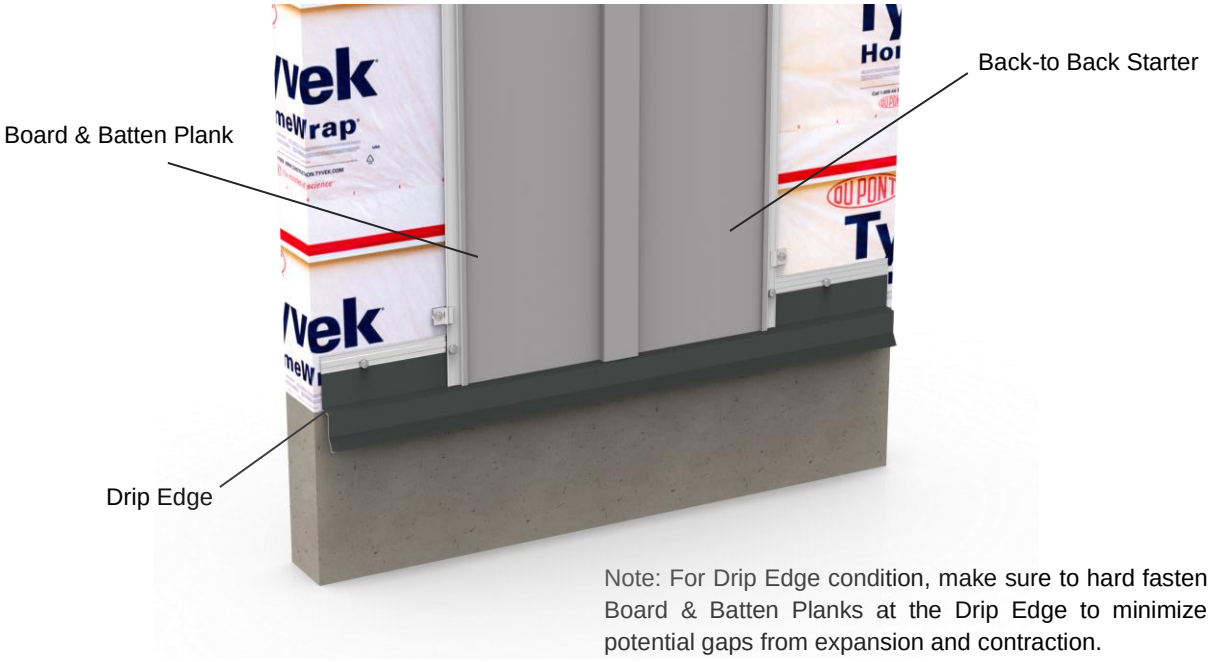
Fastening to Sheathing
(see Table 4 for specs)

Fastening options onto exterior insulation or existing materials

*Never direct to insulation. Must be secured directly to solid secure substrate.



Fastening for Drip Edge condition

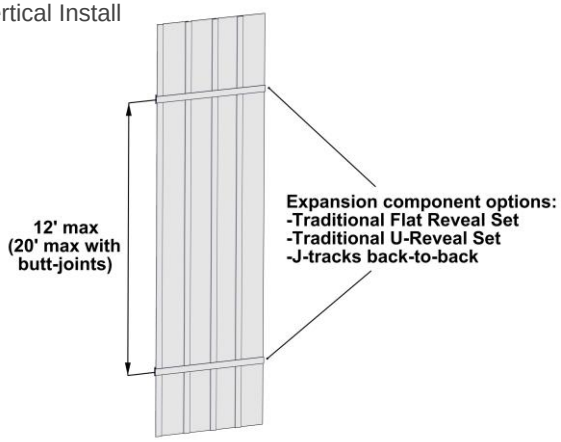


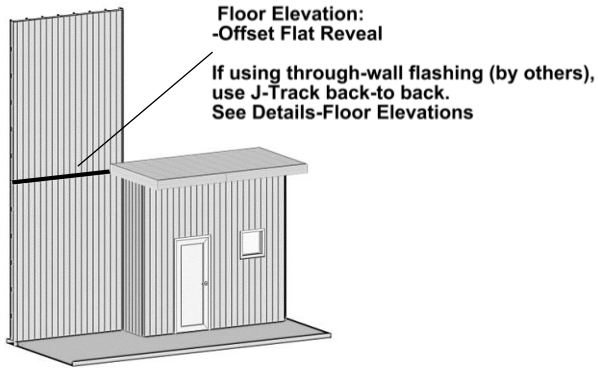
Note: For Drip Edge condition, make sure to hard fasten Board & Batten Planks at the Drip Edge to minimize potential gaps from expansion and contraction.

Expansion & Contraction

While selecting component and layout options, the project design team needs to calculate their expansion and contraction amounts. **See: Appendix for tables of expansion/contraction calculations per foot/meter.** Planks & components expand & contract 1/8” (6mm) over 12’ (3.6m), measured over a 30℃ (54℉) temperature range. Due to this range of movement, the following expansion components should be installed.

Vertical Install





When using expansion components, each plank must terminate into a minimum of one (1) component.

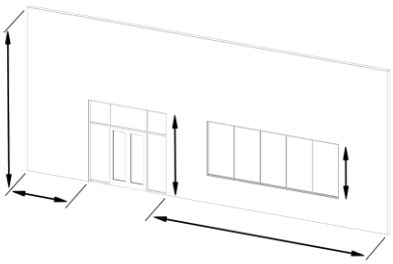
⚠ TIP: To achieve expansion/contraction allowance, it is best practice to measure & mark for the adjustment of planks.

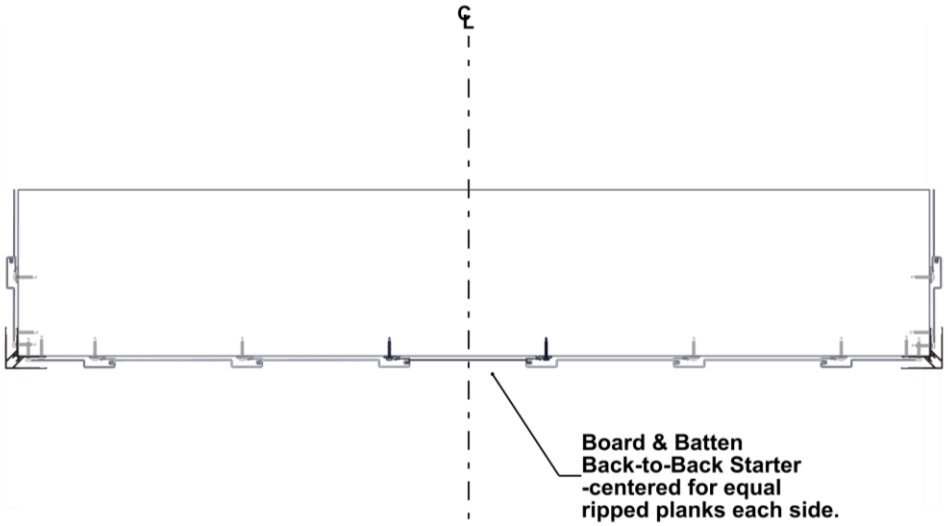
Perimeter and field area limitations

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

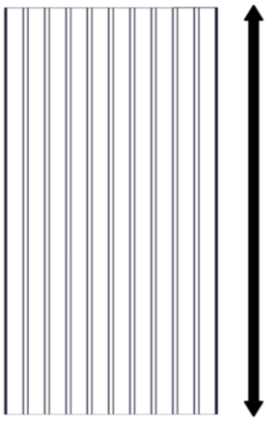
- Longboard Siding system typical dimensions:

Planks width	- 7” (178mm)
Planks and Quick-Screen Clips depth	- 9/16” (14mm)
Trim Components depth	- 5/8” (15mm)

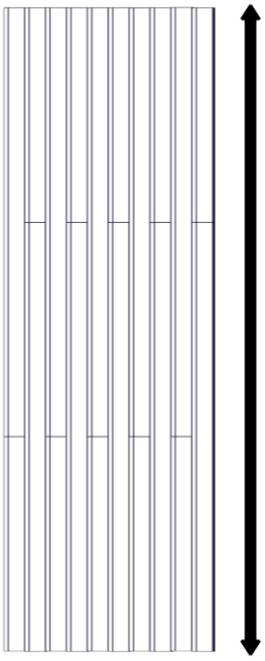




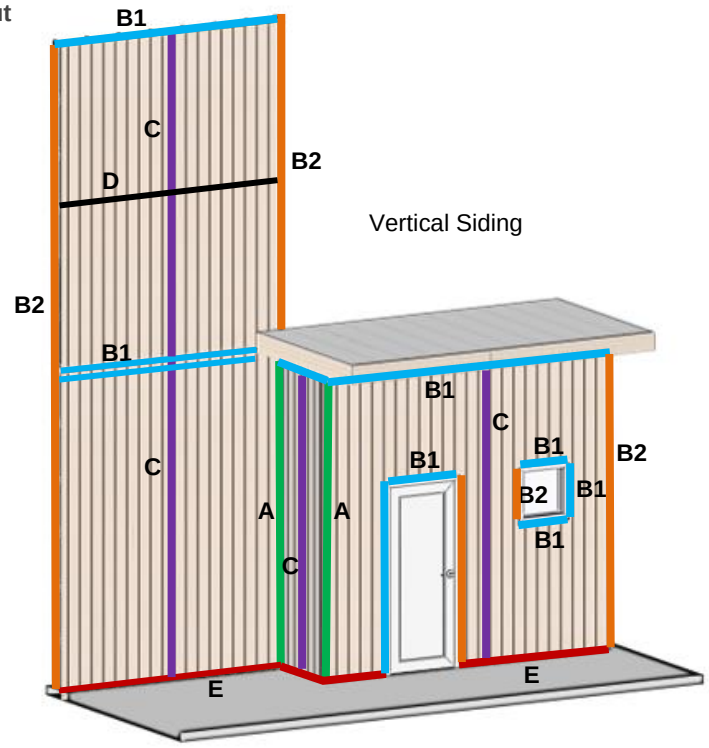
Seamless runs up to 12’ length planks (no butt-joints)



Runs up to 20’ length with staggered butt-joints



Component Layout



A **Corner Set 2”**

Location: Inside & outside corners of the installation area.

Details: Corner Set 2” recommended.

B1 **J-Track 7/8”, 1-3/8”** **B2** **Two Piece J-Track 7/8”**

Location: Perpendicular to Planks (eg: sides of windows and doors), along gable end walls, other angled conditions, window/door headers and other penetrations. Use J-Tracks back-to back at building elevations for building movement.

Details: Notch the flange at the ends where they meet corner components. Terminate planks with Two Piece J-Track.

C **Board & Batten Back-to-Back Starter**

Location: Where starting with a full width Plank, typically in the center of the wall area.

Details: Alternatively, **Traditional Starter Strip** can be used at the edge of install area.

D **Flat Reveal Set 1-1/2"**

Location: Perpendicular to Planks, used to set plank widths.

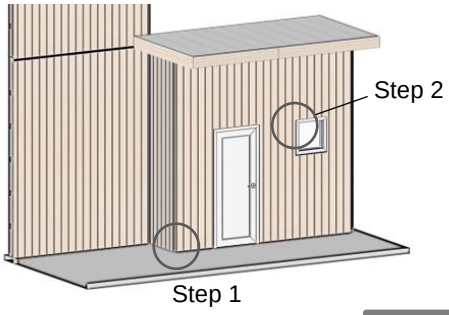
Details: Two-piece component (cap & base).

E **Drip Edge**

Location: Typically, at the bottom of a wall area for water run-off.

Details: Alternatively, **Traditional J-Track** can be used at this location.

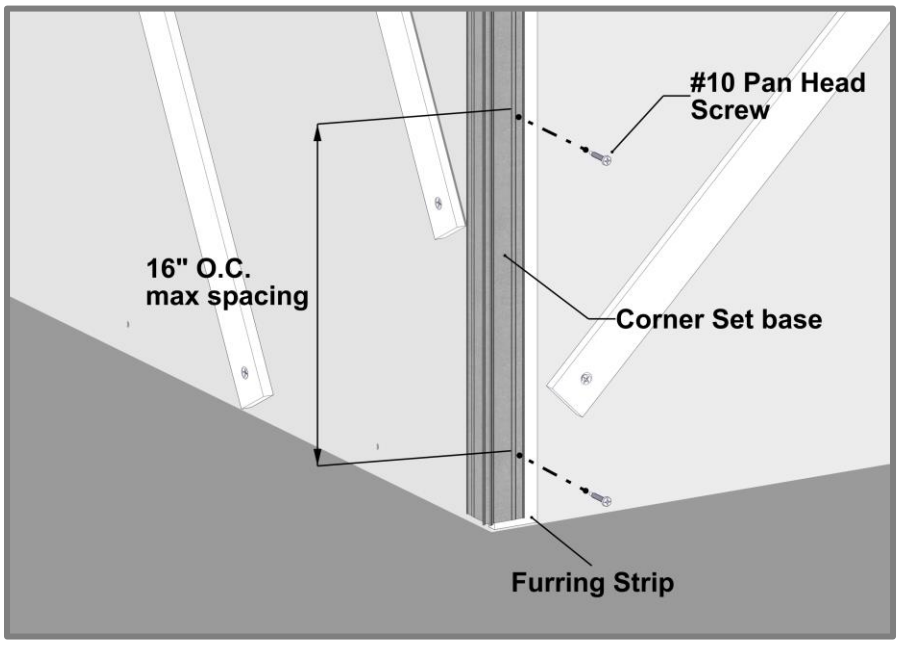
Install Steps - Vertical Siding



Step 1 – Corners

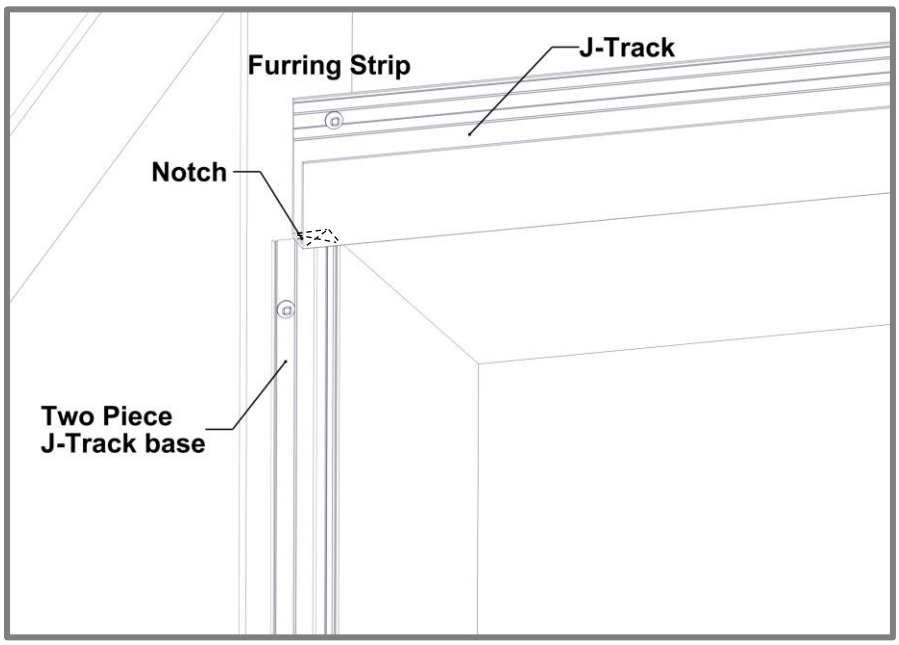
Install inside and outside corner bases, fastening every 16” O.C. with #10 Pan Head Screws. Corners typically extend from top to bottom of the area of application.

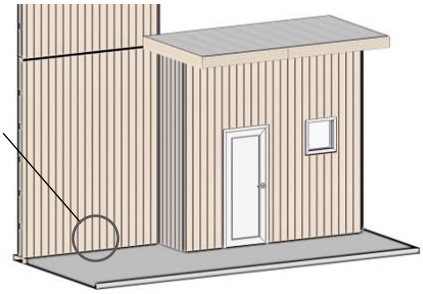
⚠ Check that components are level/plumb, flat and straight for best results.



Step 2 – J-Track

Install J-Track or Two-Piece J-Track around windows and doors and at the top & bottom of walls, fastening every 16” O.C. with #10 Pan Head Screws. Trims can be mitered for a clean corner look. Notch the Trims to suit the plank install.



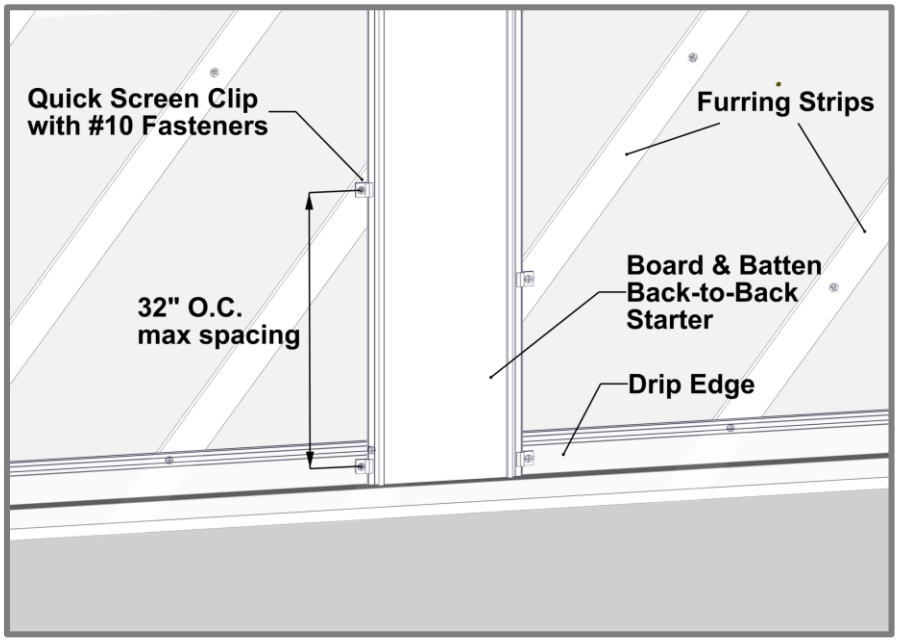


Step 3 – Board & Batten Back-to-Back Starter

Install the Back-to-Back Starter at the center of the wall area to achieve equal width ends. Fasten both sides every 32” O.C. max with #10 Pan Head Screws.

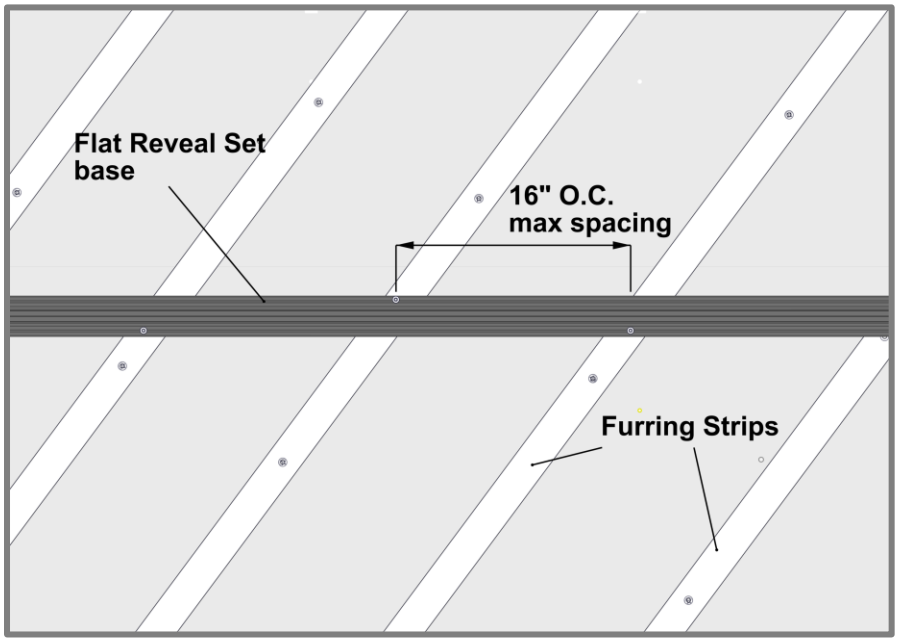
⚠ The Back-to-Back Starter should be secured with a Quick-Screen Clip on both sides of the component.

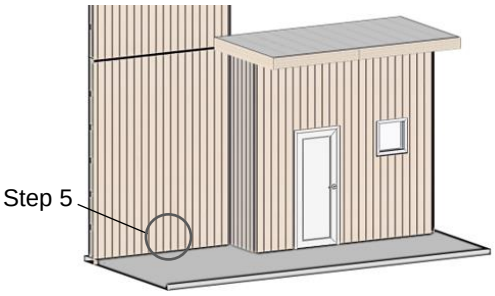
Alternately, the Starter Strip can be used and installed at the corner of the wall(s) over the Corner Set base and the Starter J-Track used at the edge of the walls.



Step 4 –Flat Reveal or Offset Flat Reveal (2”)
(Only if required, not shown on layout)

Install the Flat Reveal Set (base only) at the desired plank widths, fastening every 16” O.C. with #10 Pan Head Screws.



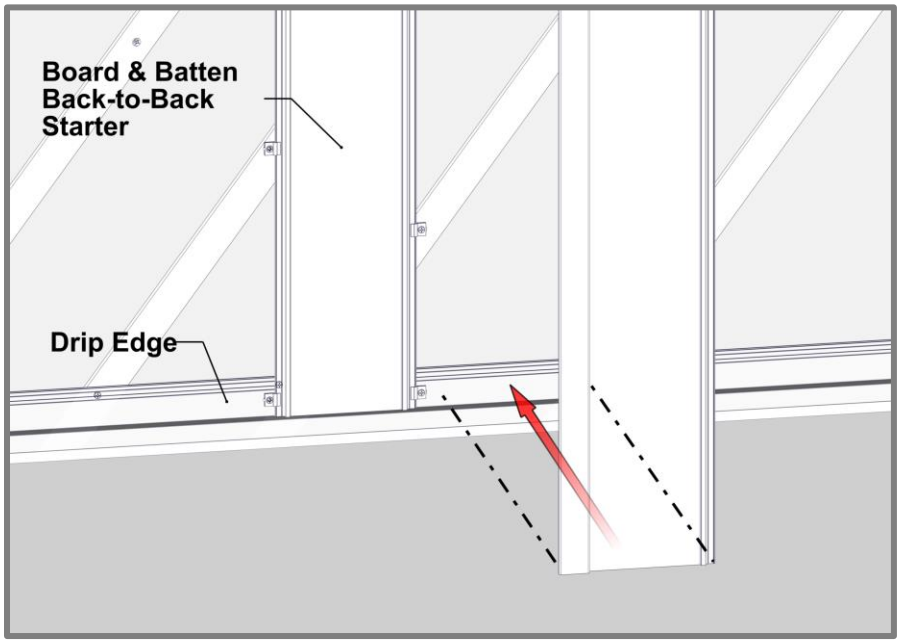


PLANK PREPARATION DURING INSTALL

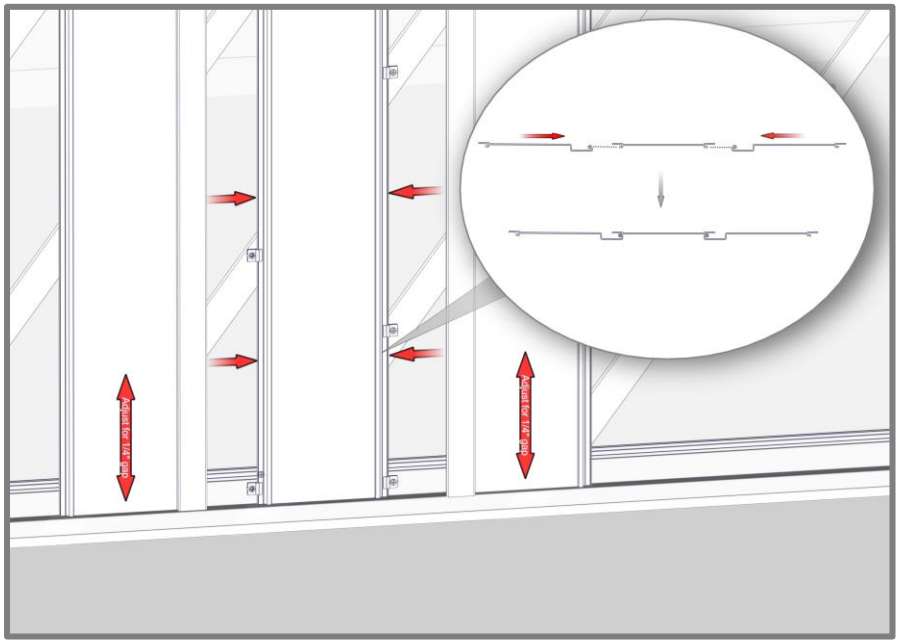
1. **No** Taped/Drilled ends (cut off 1/2" each end).
2. **No** Damage/dents and correct plank sequence per project.
3. **Confirm** allowance for expansion/contraction & confirm trim/caps cover.
4. **Confirm** level substrate, shims might be required for a flat /straight plank install.

Step 5 – Planks

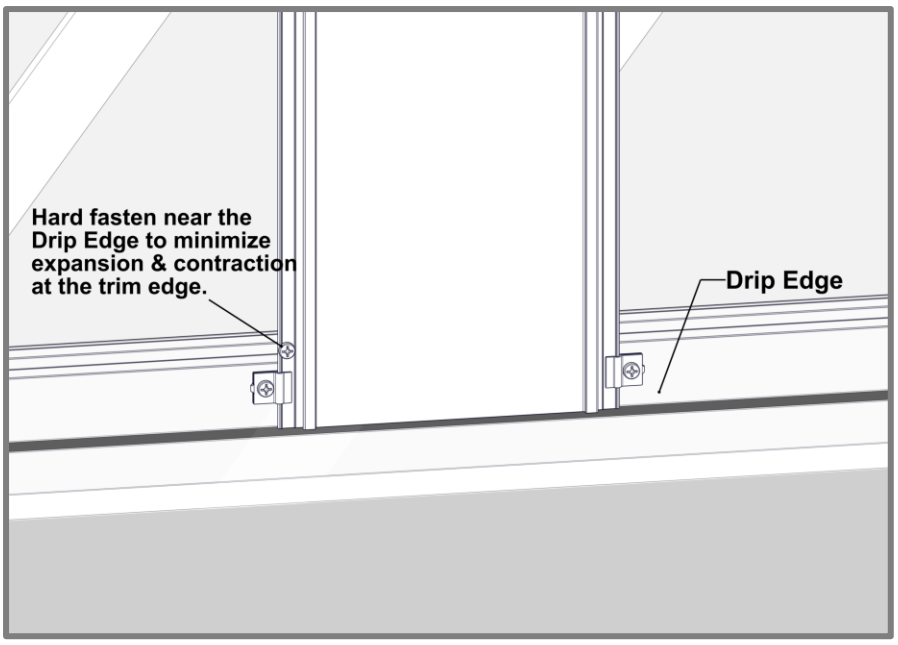
Place the planks into the groove of the Starter, engaging the tongue.
It is good practice to check your installation every 2-3 rows for level/plumb and flat or straight, for best results.



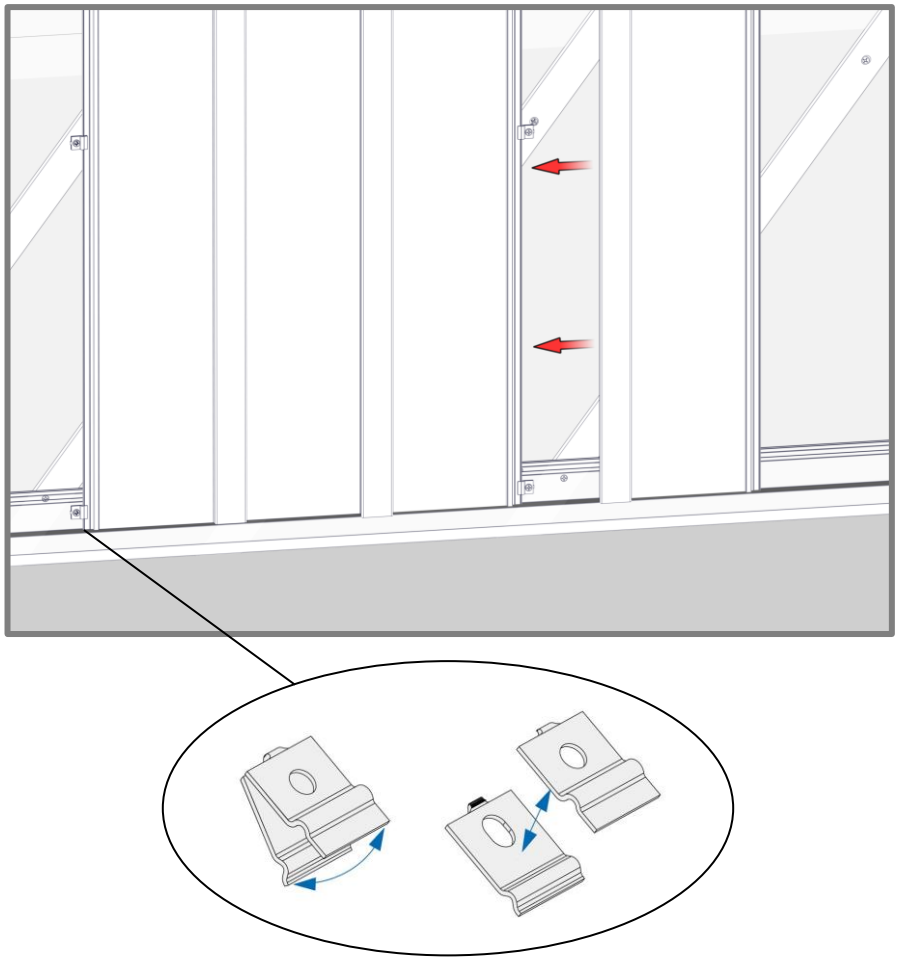
Ensure there is sufficient room for expansion and contraction of each Plank, also confirming component caps will cover.

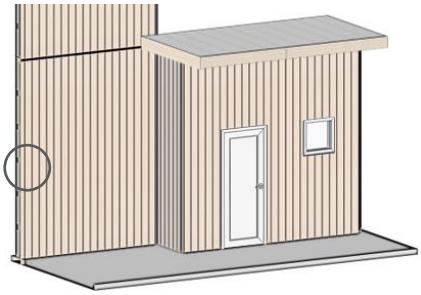


Install Quick Screen Clips every 32” (813mm) O.C. max spacing. Hard fasten only one point near the Drip Edge trim. Shim Quick Screen Clips where needed to correct any substrate inconsistencies.

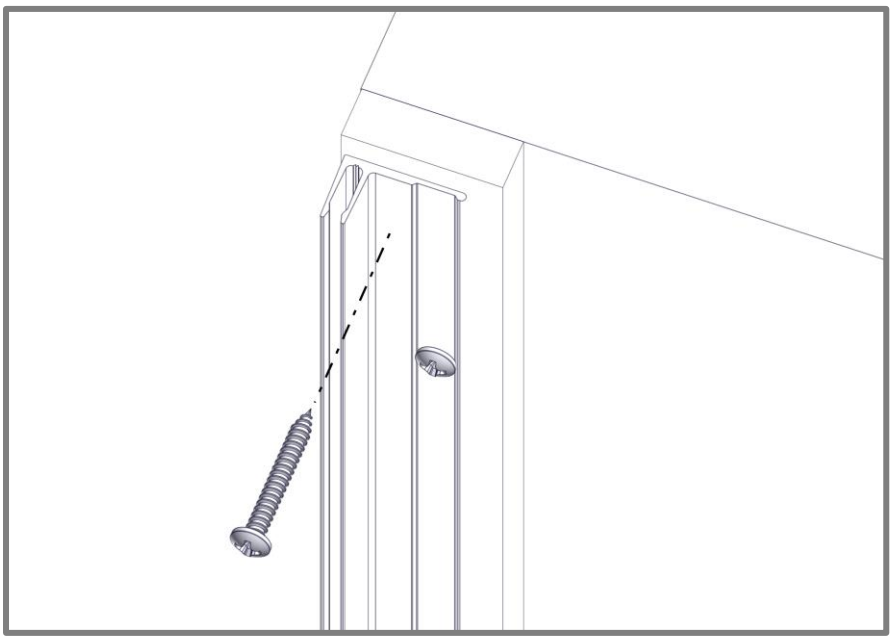


Install planks as needed. Where anchoring the planks securely can only be achieved over component flanges; split the Quick Screen Clip and use one piece on the front.
This will maintain each plank’s ability to expand and contract.





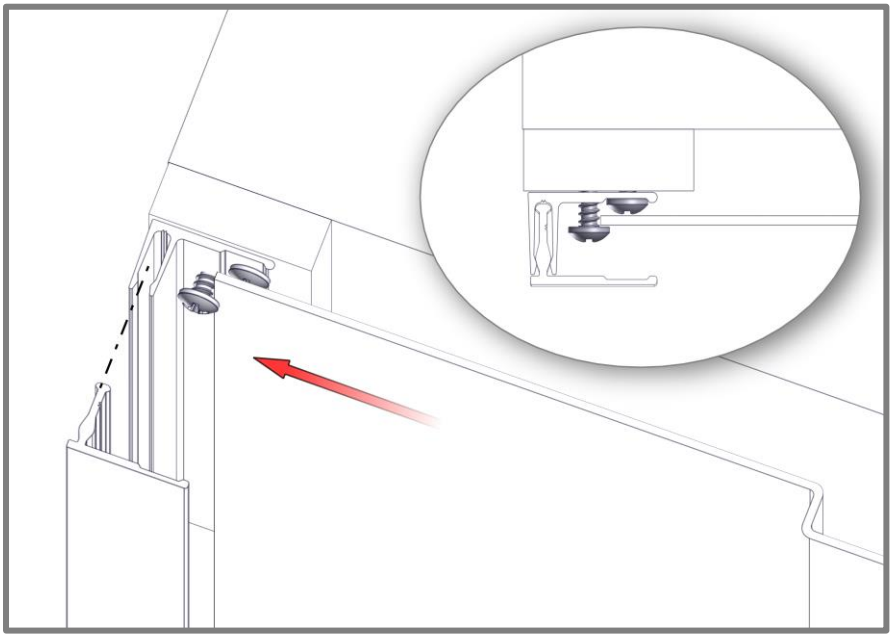
Step 6 & 7



Step 6 – Terminating

Install Two Piece J-Track (base only), fastening every 16” O.C.

Where terminating cut planks, provide a positive stop approximately every 16” (406mm).



Step 7 – Last Row of Planks

Rip the last Plank, cutting it to width to suit the installation area(s). Install edge plank with a 1/4” gap and screw to lock the Plank into place.

See next page for Finishing Steps.

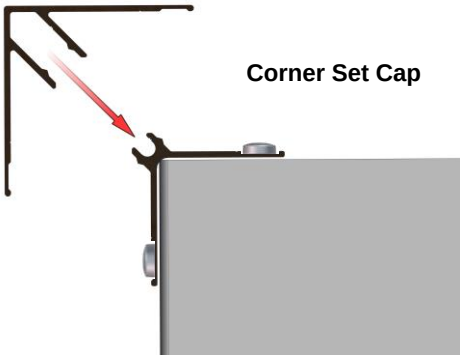
Finishing Steps - Once planks are installed, finish off the perimeter trims with caps from two-piece sets.

Component Caps

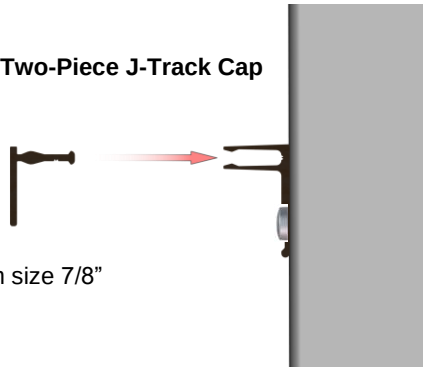
Location: Installed onto the base of the two-piece sets.

Details: If required, use a rubber mallet or hammer and block to protect the finish during this process.

Corner Set Cap

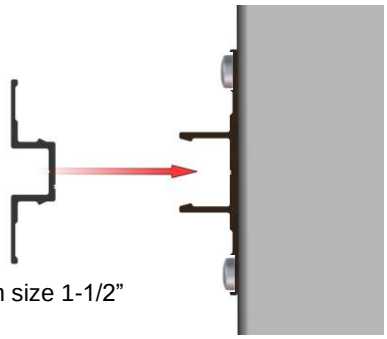


Two-Piece J-Track Cap



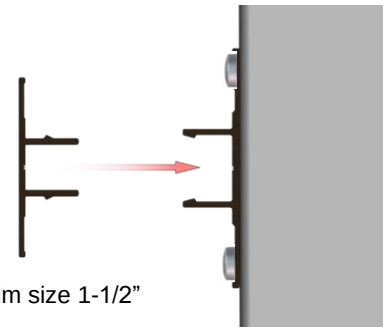
Trim size 7/8”

U-Reveal Set Cap



Trim size 1-1/2”

Flat-Reveal Set Cap

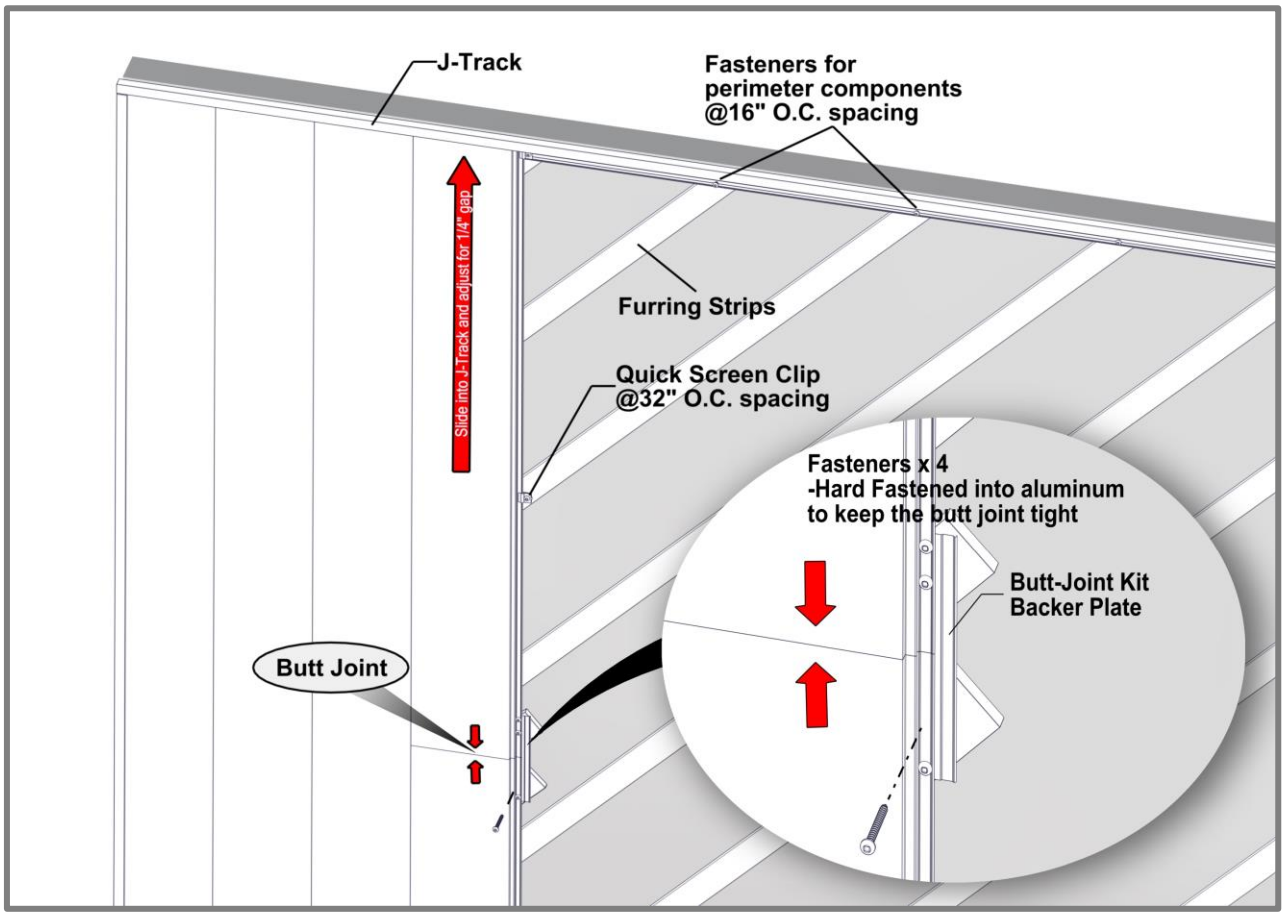


Trim size 1-1/2”

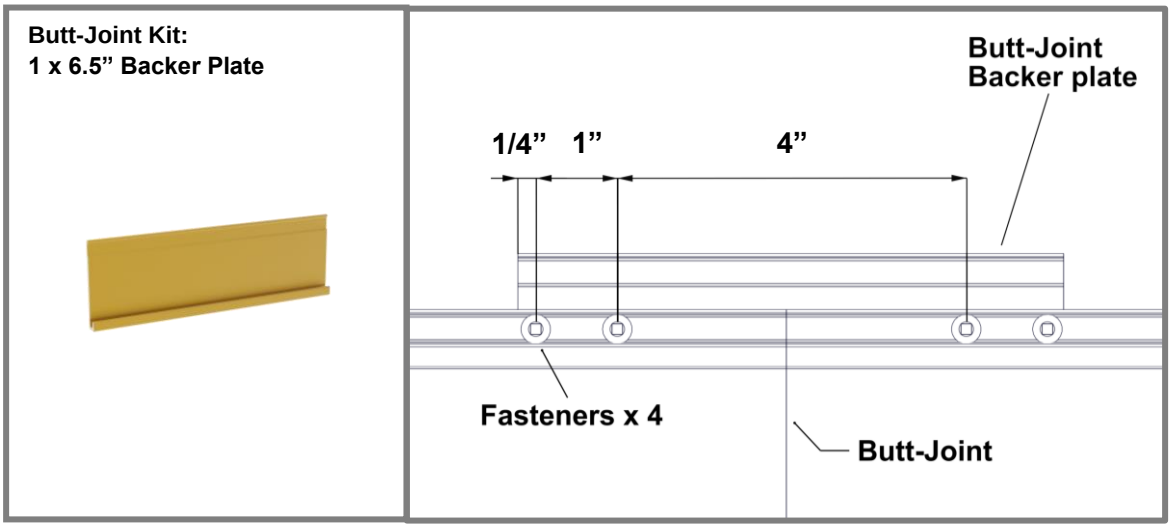
Details

Single Butt-Joints

- Consider using butt-joints along runs to minimize waste.
- ⚠ When installing staggered butt-joints, use the Butt-Joint Fastening Kit to ensure joints do not open up **(See Detail A)**.
  Fasteners should be placed at the uppermost location of the plank flange, to not interfere with the next plank engaging the tongue and groove properly. At the butt-joint, fasteners should be anchored into the Butt-Joint backer plate.
  (See Detail B)
- Rivets can be used for single butt-joints, however clearance of the rivets and room for movement is required.
- On exposed cuts such as butt-joints, trim ends or similar, use touch-up paint pens (purchased separately) to finish the ends of the two (2) planks at the butt-joint.
- DO NOT hard-fasten a plank to a component trim, as this will restrict its ability to expand & contract into the component.
- If no butt-joints along the length, it is good practice to hard-fasten each plank directly through the flange near the center, to keep the planks from migrating.
- DO NOT hard-fasten more than one (1) location per plank.
- Hard fasten at the butt-joint or the center of each plank run.



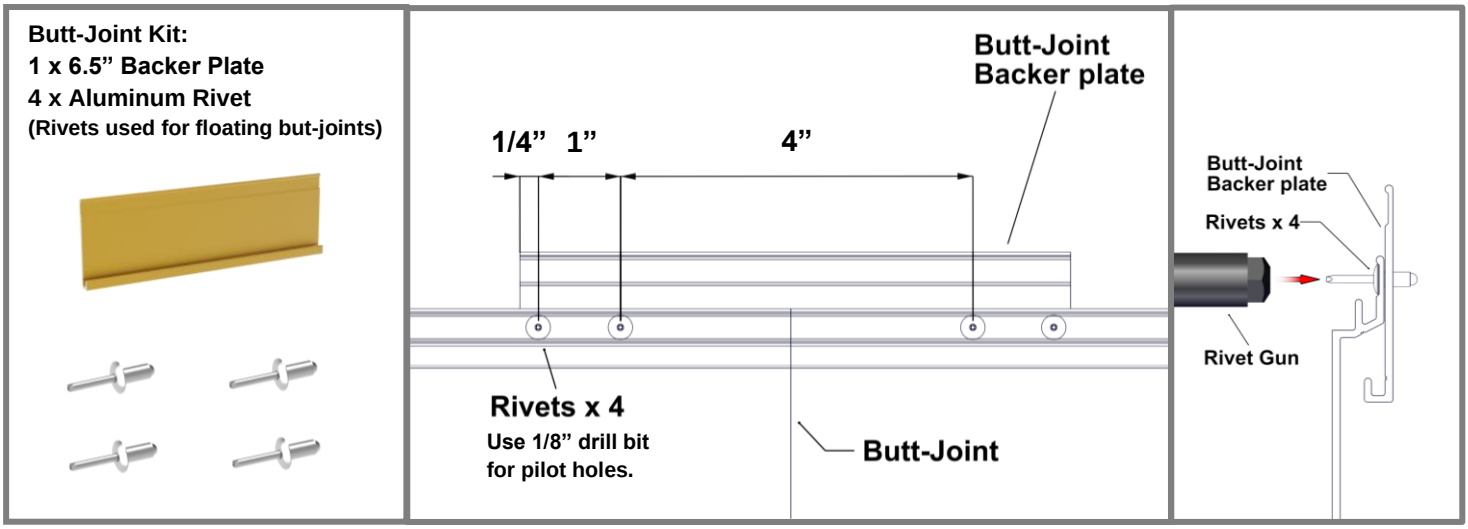
Detail A -Vertical Cladding



Detail B -Backer Plate (Hard Fastened)

Multiple Floating Butt-Joints

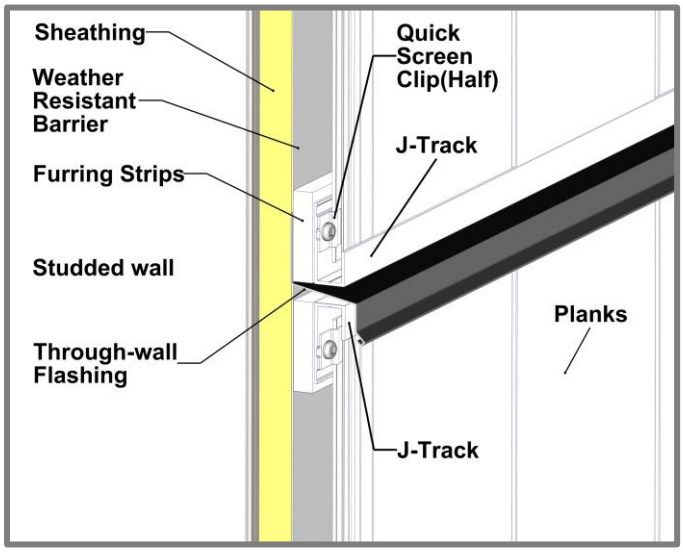
- ⚠ When installing staggered multiple floating butt-joints, use the Butt-Joint Fastening Kit to ensure joints do not open up. Rivets should be placed at the center of the plank flange, to not interfere with the next plank engaging the tongue and groove properly. **(See Detail C)**
- MUST HAVE furring strips or girts to allow room for movement.
- Recommended to be installed between furring strips or framing members to avoid contact which would restrict movement.
- On exposed cuts such as butt-joints, trim ends or similar, use touch-up paint pens (purchased separately) to finish the ends of the two (2) planks at the butt-joint.
- DO NOT hard-fasten a plank to a component trim, as this will restrict its ability to expand & contract into the component.
- DO NOT hard-fasten more than one (1) location per multiple plank run.
- Hard fasten near the center of the multiple plank run.



Detail C -Floating Butt-Joint

Floor elevation

Through-wall Flashing



Type:	J-Track back-to-back.
Location:	Typically, at every floor elevation and where through-wall flashing is required.
Details:	Note the orientation of planks for through-wall flashing install.

Appendix

Expansion and Contraction Tables

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	MIN/MAX POST CONSTRUCTION TEMP. °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	MIN/MAX POST CONSTRUCTION TEMP. °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

Table 3 - Fastener to Structure (Board & Batten Siding)

LONGBOARD®
INSPIRING ARCHITECTURE

v.1.1

FASTENER TO STRUCTURE SPACING - WIND LOAD

T&G PLANKS		PSF (Factored / Ultimate)										
		20	30	40	50	60	70	80	90	100	110	120
QUICK-SCREEN CLIP SPACING (IN)	16"											
	24"											
	32"											

Plank Profiles: V-Groove (2-1/2", 4", 6"), Smooth (6"), Channel (6"), Lap Siding (6"), Board & Batten Siding (7")

TRIM COMPONENTS*		PSF (Factored / Ultimate)										
		20	30	40	50	60	70	80	90	100	110	120
	16"											
Soffit direct to truss	24"											

*Starter Strip requires Two (2) installation anchors at each fastener location: 1 Quick-Screen Clip + 1 Mid-Point slotted hole

Calculations are using L/180 deflection limits

SUBSTRATE TYPE	SUBSTRATE REQUIREMENTS	ANCHOR DESCRIPTION	MIN. EMBEDMENT	MIN. EDGE DISTANCE
WOOD	Min. specific gravity = 0.55 wood	#10 Pan Head Screw	1-1/2"	3/4"
STEEL	Min. 18 ga., min. 33 ksi.	#10 Tek Screw (grade 5)	3 threads penetration past metal structure	1/2"
CONCRETE**	Min. 3000 psi	3/16" ITW Tapcon	1"	1"
MASONRY - CMU**	Grout-filled block per ASTM C-90, min. 2000 psi		1"	2"

**For Concrete and Masonry/CMU; Furring Strips are recommended, where possible

GENERAL NOTES:

1. Adequacy of the structural stud framing (wood and/or metal) and concrete/masonry as a main wind force resiting system capable of withstanding and transferring applied product loads to the foundation is the responsibilty of the engineer or architect of record for the project of installation.
2. Substrate shall be designed and anchored to properly transfer all loads to the structure buck design and installation is the responsibilty of the engineer or architect of record for the project of installation.
3. The installation details described herein are generic and may not reflect actual conditions for a specific site. If site conditions cause installation to deviate from the requirements detailed herein, a licensed engineer or architect shall prepare site specific documents for use with this document.
4. An unfactored dead load of 1.5 psf was assumed for the cladding.

INSTALLATION NOTES:

1. One (1) installation anchor is required at each Quick-Screen Clip location. Minimum of two (2) anchors per plank.
2. Spacing is from clip/fastener center to center.
3. The number of installation anchors per the table is the minimum number of anchors to be used for product installation.
4. Install individual installation anchors within a tolerance of +/- 1/2" of the specified spacings. Tolerances are not cumulative from one installation anchor to the next.
5. If fastening to every second stud, the attachment stud shall be staggered between adjacent runs of cladding.
6. Minimum embedment and edge distance exclude wall finishes, including but not limited to wood furrings, stucco, foam, brick veneer, sheathing and siding.
7. Installation anchors and associated hardware must be made of corrosion resistant material or have a corrosion resistant coating. Common fastener types can be equal or better to a & b listed below:
    a. Zinc plated fasteners for moderate climate zones
    b. 316 Stainless Steel fasteners for coastal climate zones
8. For CMU grout filled block, do not install installation anchors into mortar joints. Edge distance is measured from free edge of block or edge of mortar joint into face shell of block.
9. Installation anchors shall be installed in accordance with anchor manufacturer's installation instructions, and anchors shall not be used in substrates with strengths less than the minimum strength specified by the anchor manufacturer.

Table 4 - Fastener to Sheathing (Board & Batten Siding)

LONGBOARD®
INSPIRING ARCHITECTURE

V.1.1

FASTENER TO WOOD SHEATHING SPACING - WIND LOAD

6" Planks, 6" Lap Siding, 7" Board & Batten		PSF (Factored / Ultimate)										
		20	30	40	50	60	70	80	90	100	110	120
QUICK-SCREEN CLIP SPACING (IN)	12"											
	16"											
	24"											
	32"											

Plank Profiles: 6" V-Groove, 6" Smooth, 6" Channel, 6" Lap, 7" Board & Batten

TRIM COMPONENTS*		PSF (Factored / Ultimate)										
		20	30	40	50	60	70	80	90	100	110	120
	16"											

*Starter Strip requires Two (2) installation anchors at each fastener location: 1 Quick-Screen Clip + 1 Mid-Point slotted hole

Calculations are using L/60 deflection limits

SUBSTRATE TYPE	SUBSTRATE REQUIREMENTS	ANCHOR DESCRIPTION	MIN. SCREW LENGTH	MIN. EMBEDMENT	MIN. EDGE DISTANCE
7/16" OSB/PLYWOOD	APA rated sheathing or better	#10 Pan Head Wood Screw	1"	7/16"	1"

GENERAL NOTES:

1. Substrate shall be designed and anchored to properly transfer all loads to the structure buck design and installation is the responsibilty of the engineer or architect of record for the project of installation.
2. The installation details described herein are generic and may not reflect actual conditions for a specific site. If site conditions cause installation to deviate from the requirements detailed herein, a licensed engineer or architect shall prepare site specific documents for use with this document.
3. An unfactored dead load of 1.5 psf was assumed for the cladding.

INSTALLATION NOTES:

1. One (1) installation anchor is required at each Quick-Screen Clip location. Minimum of two (2) anchors per plank.
2. Spacing is from clip/fastener center to center.
3. The number of installation anchors per the table is the minimum number of anchors to be used for product installation.
4. Install individual installation anchors within a tolerance of +/- 1/2" of the specified spacings. Tolerances are not cumulative from one installation anchor to the next.
5. Installation anchors and associated hardware must be made of corrosion resistant material or have a corrosion resistant coating. Common fastener types can be equal or better to a & b listed below:
   a. Zinc plated fasteners for moderate climate zones
   b. 316 Stainless Steel fasteners for coastal climate zones
6. Installation anchors shall be installed in accordance with anchor manufacturer's installation instructions, and anchors shall not be used in substrates with strengths less than the minimum strength specified by the anchor manufacturer.

REFERENCED DATA:

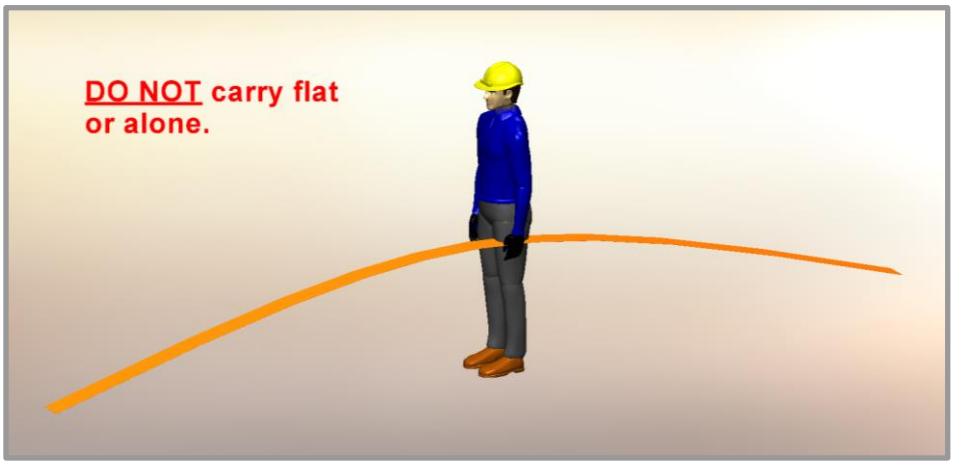
2023 Florida Building Code

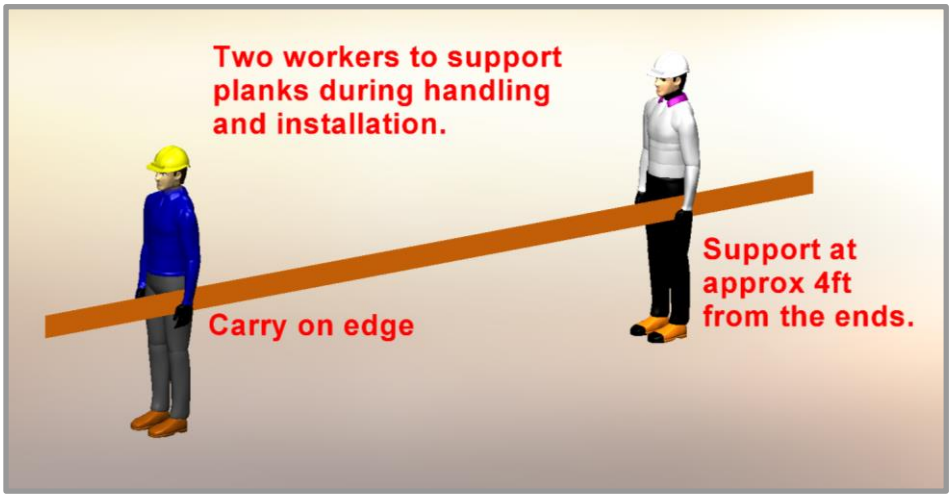
2018 National Design Specification for Wood Construction

Fastener Loads for Plywood - Screws (2011 APA - Engineered Wood Association)

Proper Handling of Longboard Products

To help avoid injury and product damage, Longboard products require proper handling to and from storage areas during installation. When carrying or installing any products it is recommended that they be moved or carried by at least two people with each support point approximately 4ft from the ends. **Carrying products without proper support can cause excessive bending which may damage the appearance or finish of the product.** Any short cut lengths should also be carried on edge while supporting the material. See below for details.





⚠ Delivery, Storage & Handling ⚠

- Always inspect the delivery for damage and contact LB ASAP if there are any issues: info@longboardproducts.com or 1-800-604-0343 and include your PO# and any pictures if possible. Longboard is not responsible for the installation of blemished or damaged material.
- Be sure to store the material flat, keep it dry, safe & secure and remain in unopened cartons until ready to be installed.
- Always wear appropriate PPE when handling products.

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Longboard
1777 Clearbrook Road
Abbotsford, BC V2T 8X8
Canada
longboardproducts.com

Every effort has been made to ensure that the information in these installation guidelines are accurate. Longboard is not responsible for printing or clerical errors.

For more information, contact client care at info@longboardproducts.com or call toll free 1-800-604-0343.