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Finishes

- Longboard Products are available in a wide range of powder coated finishes. •
- Custom solid colors are available upon request.
- 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. It is recommended to create an onsite mock-up to produce a suitable pattern.

Longboard extruded products are produced 1" (25mm) oversized, as one end is drilled for the coating process, and both ends have 1/2" (12mm) of masking tape (woodgrains only) which must be cut off for best results.

•	Packaging:	Planks are sold in box quantities: 6" Planks: 96 SQ FT/Box (8/24's) w. 90pcs Quick-Screen Clips included 4" V-Groove: 96 SQ FT/Box (12/24's) w. 135 Quick-Screen Clips included 2 1/2" V-Groove: 20 SQ FT/Box (8/12's, 96 LF) w. 45 Quick-Screen Clips included
•	Shipping:	Components are sold individually by the 12' (3.7m) length. Most Popular Finishes -ready to ship within 1 week
		Additional Finishes -ready to ship within 14 weeks 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.
•	QC:	Always inspect the delivery for damage and contact LB ASAP if there are any issues: <u>info@longboardproducts.com</u> 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.

Material Ordering & Deliverv

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)

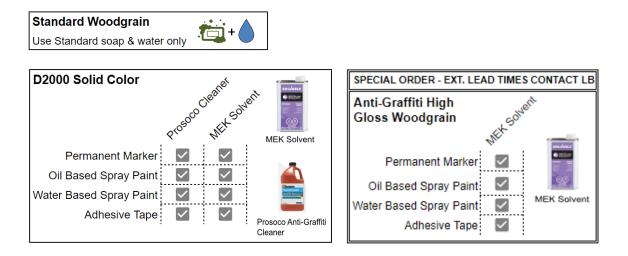
ANEVER use aggressive acid or alkaline cleaners on Longboard finishes. Do not use cleaners containing Trisodium Phosphate, Phosphoric Acid, Hydrochloric Acid, Hydrofluoric Acid, Fluorides, or any other compound that is known to react with metal.

*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 A 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 (Typical)

T&G Cladding system consists of many components used in conjunction with each other to create a seamless look. For all LB components go to <u>longboardproducts.com</u>.

V-Gro	ove Plan	ke * 49.	q. ft. box quantities 🕇 96 sq.	ft hav gunntition						
V-010		KJ 40 5	ıq. n. box quannies — 90 sq.	n. box quarkines			the second s	And the second second	1	and a second second second
Size	12' *	24'*	12' Perf *	24' Perf *	-		and the second second	and the second		
2½"	3V.145	-	3VP.145	-			a the state	Contraction of the		Constant of the
4"	4V.145	4V.289	-	-		Butt-Joint			1000	
6″	6V.145	6V.289	6VP.145	6VP.289		Fastening Kit	1000	and the		
Smoo	th Plank	5				6				
Size	12'*	24'*	12' Perf*	24' Perf *			V-Groove	Channel	Smooth	Perforated
6"	6PSP:145	6PSP.289	6PSPP.145	6PSPP.289		2	Planks	Planks	Planks	Planks
Chanr	nel Plank		Accessorie	es		Quick-Screen Clip				
Size	12' *	24'*	Product		Qty	SKU				_
6"	6CH.145	6CH.289	Quick Screen Clips		1750, box	CLIP.N1750	Precision	Traditional	Traditional	Precision
			Quick Screen Clip:	5	100, bag 250, bag	CLIP.N100 SHIM.1001	Starter J-Track	Starter Strip	Back-to-Back Starter Strip	Two-Piece J-Track
			Butt- Joint Fastenin	ng Kit (6")	250, bag 20 kits, bag	TGBJKIT				
			Touch Up Pens Reach out to confirr account manager.		N/A	TUP				
Trim C	Compon	ents					Precision	Craftsman	Craftsman	Traditional
Туре	Style		Product		Dimensions	SKU	J-Track	J-Track	Two Piece J-Track	Two Piece J-Track
Starter			Starter J-Track		(5/8") - 12'	1SJT.145	11			110
Starter			Starter Strip		(1-7/8") - 12'	2SS.145				
Starter			Back-to-Back Starter St	np	(1-1/4")	2BTBSS.145				*
J-Track			Two Piece J-Track		(5/8") - 12'	1X1JT.145	Precision			
J-Track			J-Track J-Track		(5/8") - 12'	1JT.145 JT23.145	Outside	Craftsman Inside Corner	Craftsman Outside	Traditional Corner Set
J-Track J-Track			J-Track Two Piece J-Track		(7/8") - 12' (7/8") - 12'	JT23.145	Corner		Corner	
J-Track			Two Piece J-Track		(1-3/8") - 12	1X2JT.145		ALC: NO		11
Corner			Dutside Corner		(3/16") - 12'	050C.145		NUM.		
Corner			nside Corner		(3/4") - 12'	1IC.145				1
Corner			Dutside Corner		(1") - 12'	10C.145	Traditional	Traditional	Precision	Precision T&G
Corner	Trad	itional (Corner Set		(2") - 12'	2CORS.145	3" Smooth Corner	3" V Groove Corner	Flat Reveal	Flat Reveal
Corner	Trad	itional 3	3" Smooth		(3") - 24"	3SCP.289				
Corner	Trad	itional 3	3" V-Groove		(3") - 24'	3SVP.289	N			
Reveal	Prec	ision F	Flat Reveal		(1/2") - 12'	1FR.145				
Reveal	Prec	ision 1	T&G Flat Reveal		(1/2") - 24'	1TGFR.289	Craftsman U-Reveal Set	Craftsman T&G L Reveal	Traditional U-Reveal Set	Traditional Flat
Reveal	Craf	tsman U	J-Reveal Set		(3/4") - 12'	1URS.145	G-Meyedi Ser	T&G U-Reveal	O-rteveal Set	Reveal Set
Reveal	Craf	tsman 1	T&G U-Reveal		(3/4) - 24'	1TGURK.289			181	
Reveal	Trad	itional l	J-Reveal Set		(1-1/2") - 12'	2URS.145				
Reveal	Trad	itional F	Flat Reveal Set		(1-1/2") - 12'	2FRS.145				
Reveal	Trad		T&G U-Reveal		(11/2") - 24'	2TGURK.289			Traditional Officer	Precision
Reveal	Trad	itional 0	Offset Flat Reveal Set, J	Track Base	(2") - 12'	20FFJ.145	Traditional T&G U-Reveal	Traditional Offset Flat Reveal Set,	Traditional Offset Flat Reveal Set,	Termination
Reveal			Offset Flat Reveal Set, Te	ermination Base	(2") - 12'	20FFT.145	Two o-neveal	J-Track Base	Termination Base	Set
Termina			Termination Set		(5/8") - 12'	1TS.145			1	
Termina			Termination Set		(7/8") - 12'	TS23S.145				
Termina			Termination Set		(1-3/8") - 12'	2TS.145				
Compre: Joints	ssion Trad	itional 0	Compression Joint		(1-3/8") - 24'	2CJ.289	Craftsman	Traditional	Traditional	
							Termination Set	Termination Set	Compression Joint	

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Tools

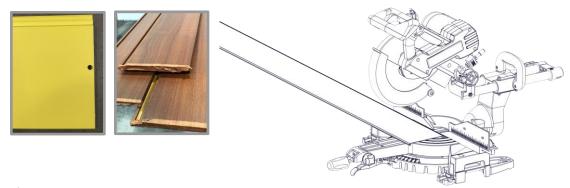
Commonly used tools for T&G Cladding install.

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)
	0		*Length, thread and point to suit substrate
Rubber Mallet (or Hammer)	Level	Hole Saw (for lighting fixtures)	#10 Pan Head Screws

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.



A DO NOT Install Planks or Trims 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 (supplied by others)

Trim components including Starter Strip

• 16" (406mm) O.C.

Planks

Standard wind loads

• 32" (813mm) O.C.

Higher wind loads

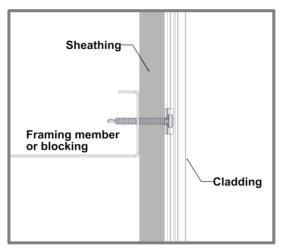
• 16" (406mm) O.C.

See Appendix for fastening specs: Fastening to Structure -Table 3 Fastening to Sheathing Tables 4-6

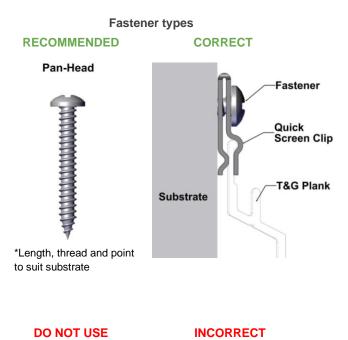
Framing/Furring requirements

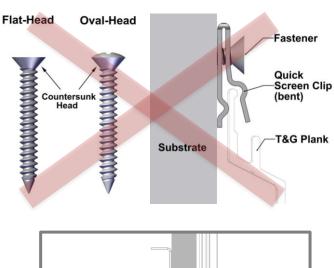
Always consult the local building authority and follow local building code requirements. When attaching to **Hitch Cladding attachment System** refer to Hitch Install Guide for requirements.

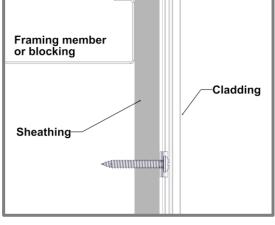
See Appendix for framing/furring/sheathing specs: Tables 3-6

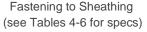


Fastening to Structure (see Table 3 for specs)

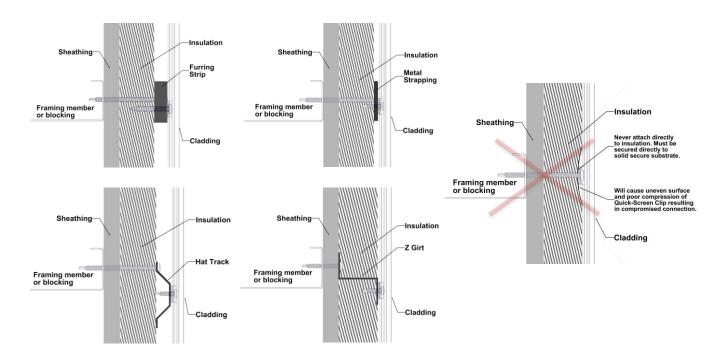




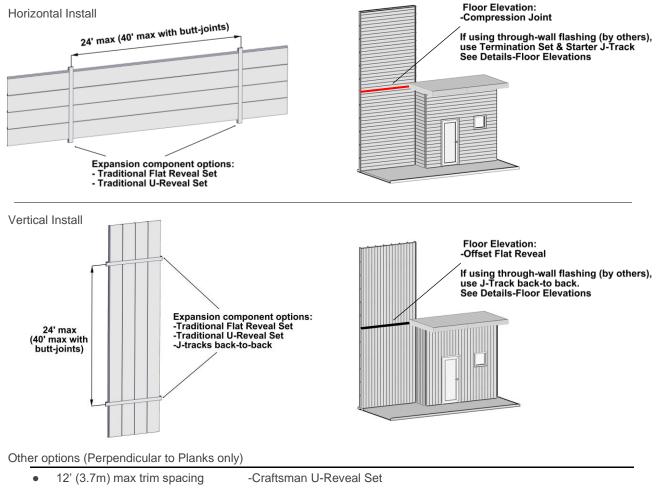




Fastening options onto exterior insulation or existing materials *Never direct to insulation. Must be secured directly to solid secure substrate.



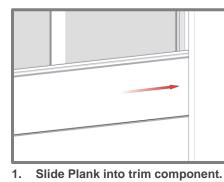
While selecting component and layout options, the project design team needs to calculate their expansion and contraction amounts. See: Appendix for tables of expansion/contraction calculations per foot/meter. Planks & components expand & contract 1/4" (6mm) over 24' (7.3m), measured over a 30°C (54°F) temperature range. Due to this range of movement, the following expansion components should be installed. See pages 25 & 26.



6' 8" (2m) max trim spacing -Precision Flat Reveal •

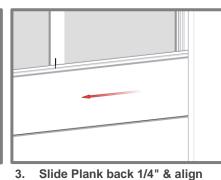
When using expansion components, each plank must terminate into a minimum of one (1) component.

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



	- 1/4"
2.	Measure 1/4" & mark for

positioning.



with mark.

Tongue and Groove Walls Installation Guide

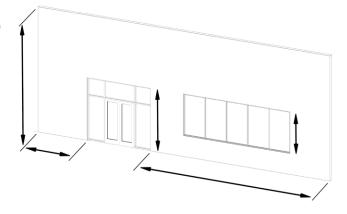
System Install

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. Consider using butt-joints along runs to minimize waste. Apply the same methodology for vertical installations.
- Longboard system typical dimensions:
 - Planks width Perforated Planks width Planks and Quick-Screen Clips depth Trim Components depth
- 2 1/2" (64mm), 4" (102mm), 6" (152mm)
- 2 1/2" (64mm), 6" (152mm)
- 9/16" (14mm)
- 5/8" (15mm)

Seamless runs up to 24' length planks (no butt-joints)





Runs up to 40' length with staggered butt-joints

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Runs greater than 40' length, use a Reveal set to divide field area

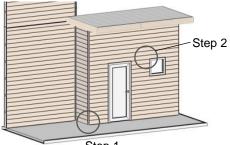
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Component Layout

B	F B C C	Horizontal CladdingFFF <t< th=""></t<>
A	Corner Set 2"	, Outside Corner 1", Inside Corner 3/4"
	Location: Details:	Inside & outside corners of the installation area. Corner Set 2" recommended for vertical cladding installs.
в	J-Track (5/8",	7/8"), Two Piece J-Track (5/8", 7/8", 1-3/8")
	Location:	Perpendicular to Planks (eg: sides of windows and doors), along gable end walls, other angled
	Details:	conditions, window/door headers and other penetrations. Notch the flange at the ends where they meet corner components.
C	Starter Strip, Stocation: Details:	Starter J-Track 5/8", Back-to-Back Starter Strip Where starting with a full width Plank, typically along the bottom of the install for horizontal Planks. Alternatively, Back-to-Back Starter Strip can be used for vertical installs at the center of each cladding area for equal width ends.
D	Flat Reveal Se	et 1-1/2", U-Reveal Set 1-1/2"
_	Location:	Perpendicular to Planks, used to set plank widths.
	Details:	Two-piece component (cap & base). Precision Flat Reveal (one piece) 6' 8" max span of planks
E	Compression	
	Location: Details:	Parallel to Planks at floor elevations, (horizontal cladding). Used for expansion/contraction and settling/building movement at floor elevations.
	Details.	Used for expansion/contraction and setting/building movement at noor elevations.
F		Set (5/8", 7/8", 1-3/8")
	Location:	Parallel to Planks along top of wall, underside of windows (horizontal cladding only), sides of windows/doors (vertical cladding only) and other penetrations.
	Details:	Install base only to start and end cap once planks are installed.
G	Offset Flat Re	veal 2"
	Location:	Perpendicular to Planks at floor elevations, (vertical cladding). For pre-fab wall construction,
	Details:	bridging the gap between adjacent wall panels. Used for expansion/contraction and settling/building movement at floor elevations.

Install Steps - Horizontal cladding

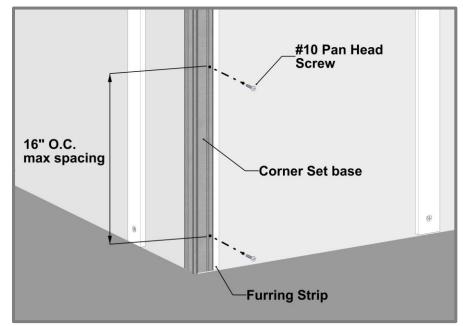


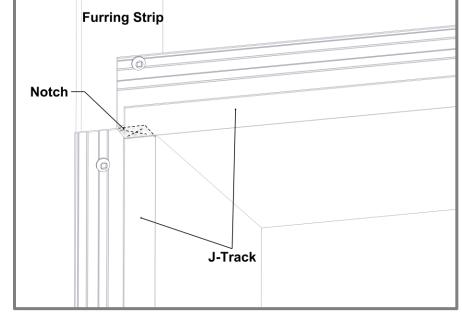
Step 1

Step 1 - Corners

Install inside and outside corner bases or Craftsman inside and outside corners 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.

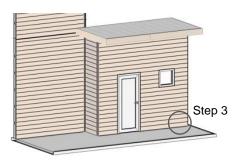




Step 2 – J-Track

Install J-Track or Two-Piece J-Track around windows and doors and at the edge of walls, fastening every 16" O.C. with #10 Pan Head Screws. Trims can be mitered for a clean corner look.

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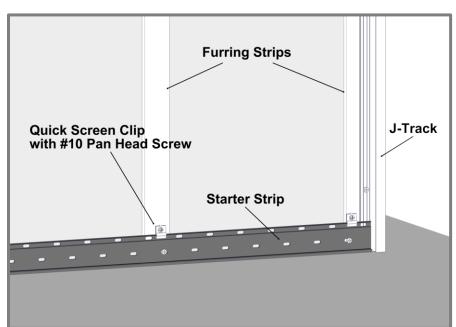
Step 3 - Starter Strip

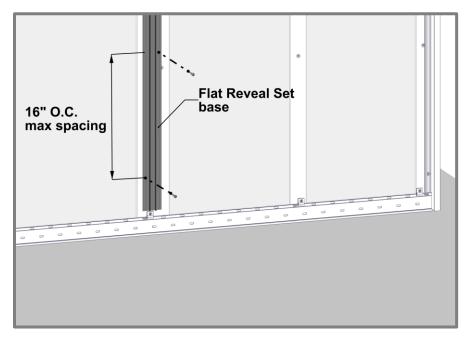
Install the Starter Strip or Starter J-Track along the bottom of the wall(s), fastening every 16" O.C. max with #10 Pan Head Screws. Fasten the Starter Strip at the Quick Screen Clip & the midpoint slot for a solid connection.

See Appendix for project specific fastening requirements. Trims Fastening -Table 4

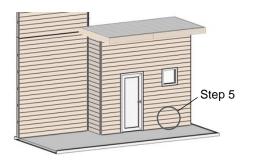
Step 4 – Flat Reveal (Only if required, not shown on layout)

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





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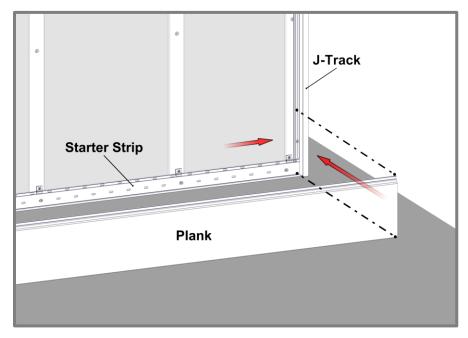
PLANK PREPARATION DURING INSTALL

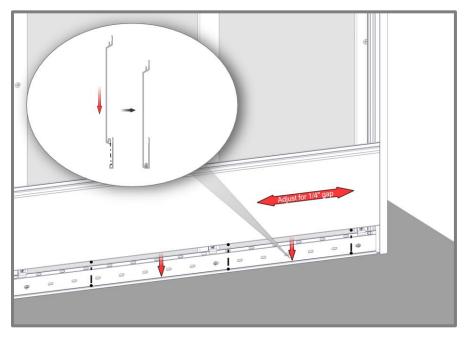
- 1. No Taped/Drilled ends (cut off 1/2" each end).
- 2. No Damage/dents and correct plank sequence per project.
- **3. Confirm** allowance for expansion/contraction & confirm trim/caps cover.
- 4. **Confirm** level substrate, shims might be required for a flat /straight plank install.

Step 5 – Planks

Place the planks onto the tongue of the Starter Strip, fully engaging the tongue.

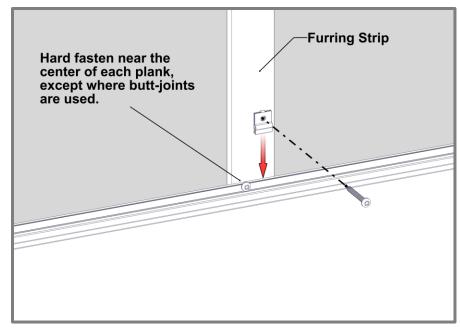
It is good practice to check your installation every 2-3 rows for level/plumb and flat or straight, for best results.



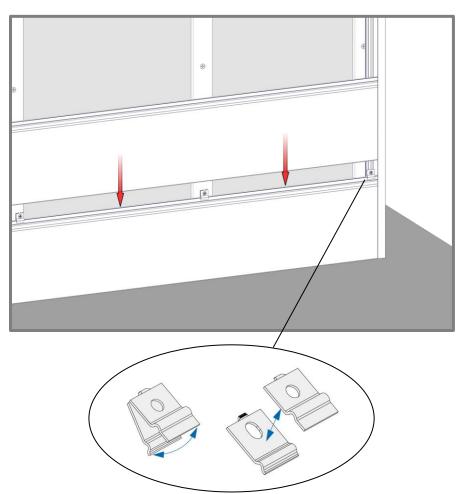


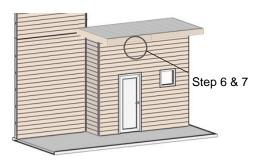
Ensure there is sufficient room for expansion and contraction of each Plank, also confirming component caps will cover. Install Quick Screen Clips every 32" (813mm) O.C. max spacing. Hard fasten only one point at the center of each plank, except where butt-joints are used. Shim Quick Screen Clips where needed to correct any substrate inconsistencies.

See Appendix for project specific fastening requirements. Plank Fastening - Tables 3-6



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.

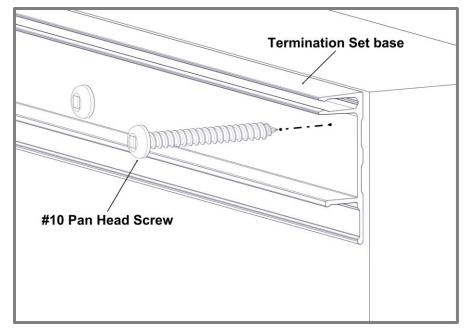


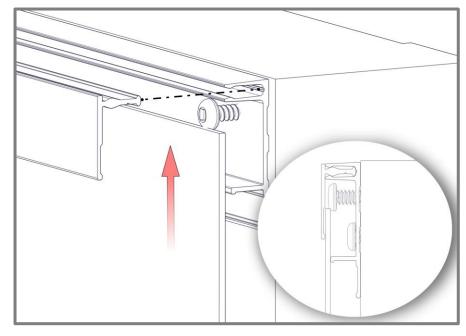


Step 6 – Termination Set

Install Termination Set (base only), fastening every 16" O.C.

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

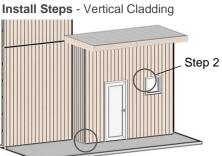




Step 7 – Last Row of Planks

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.

Skip to Page 22 for Finishing Steps.

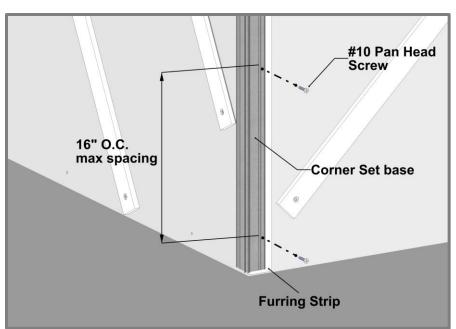


Step 1

Step 1 – Corners

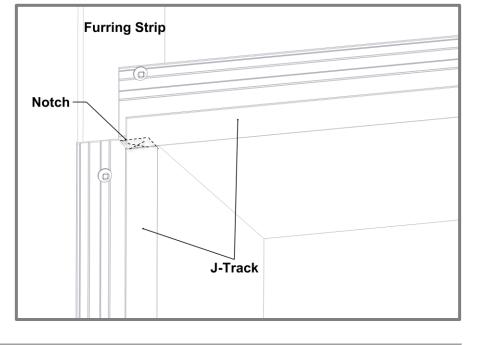
Install inside and outside corner bases, fastening every 16" O.C. with #10 Pan Head Screws. Corners typically extend from top to bottom of the area of application.

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

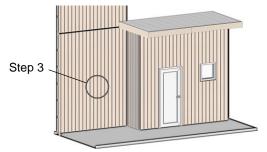


Step 2 – J-Track

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.



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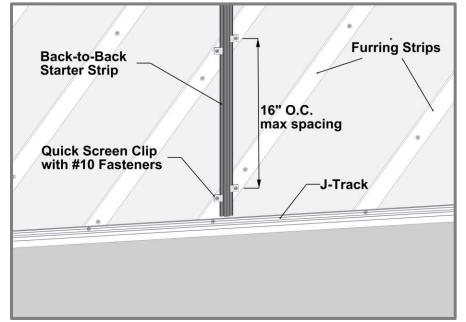


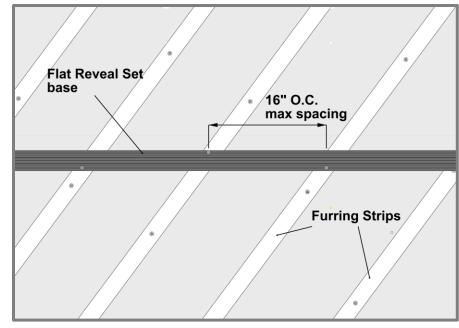
Step 3 – Back-to-Back Starter

Install the Back-to-Back Starter Strip at the center of the wall area to achieve equal width ends. Fasten both sides every 16" 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.

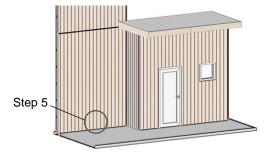




Step 4 –Flat Reveal or Offset Flat Reveal (2") (Only if required, not shown on layout)

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

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Place the planks into the groove of the Starter Strip,

Step 5 – Planks

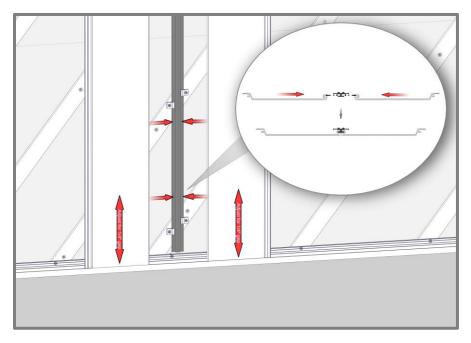
engaging the tongue.

straight, for best results.

PLANK PREPARATION DURING INSTALL

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

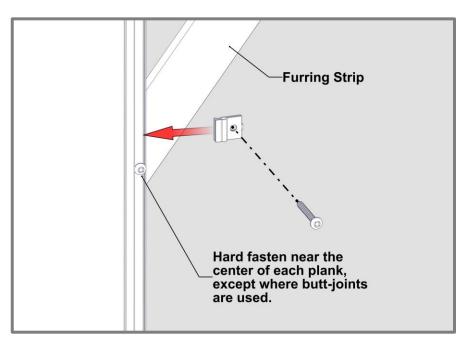
Back-to-Back Starter Strip It is good practice to check Plank your installation every 2-3 rows for level/plumb and flat or J-Track



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

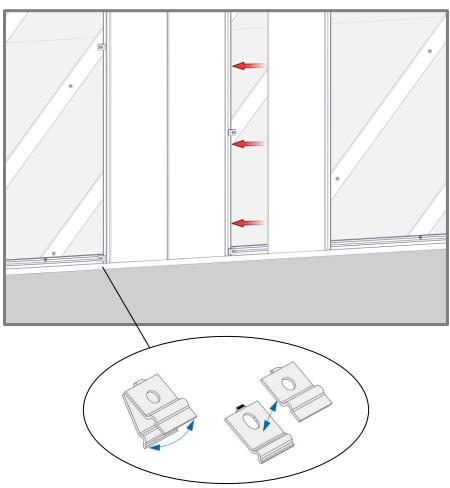
Install Quick Screen Clips every 32" (813mm) O.C. max spacing. Hard fasten only one point at the center of each plank, except where butt-joint are used. Shim Quick Screen Clips where needed to correct any substrate inconsistencies.

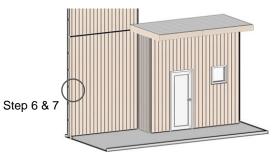
See Appendix for project specific fastening requirements. Plank Fastening - Tables 3-6



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.

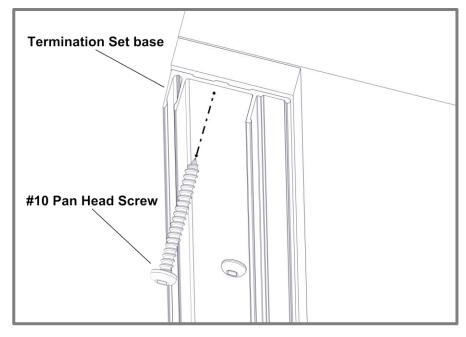




Step 6 – Termination Set

Install Termination Set (base only), fastening every 16" O.C.

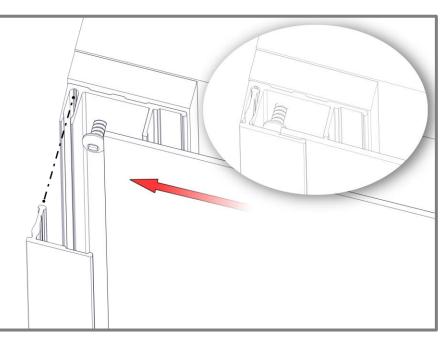
Where terminating cut planks, provide a positive stop approximately every 16" (406mm).



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.

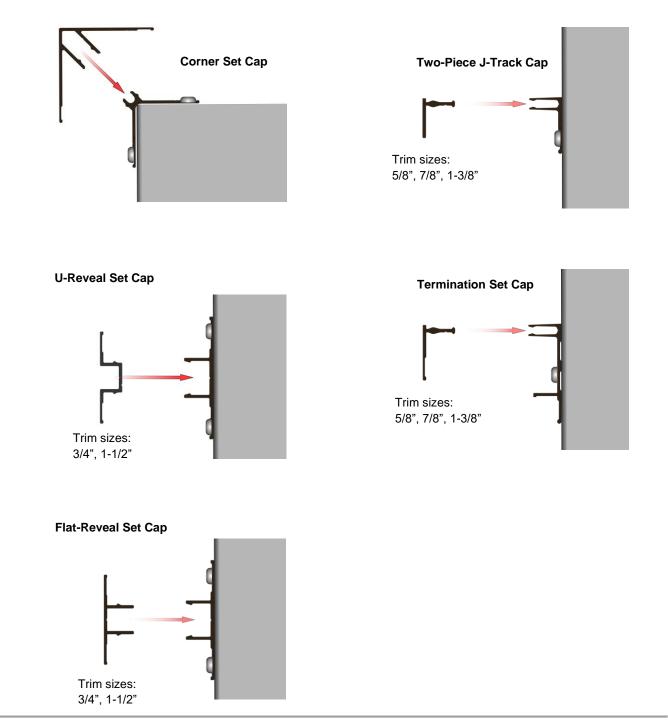


Finishing Steps - Once planks are installed, finish off the perimeter trims with caps from two-piece sets.

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.



Tongue and Groove Walls Installation Guide T&G_W_IG_RD_V8

Details

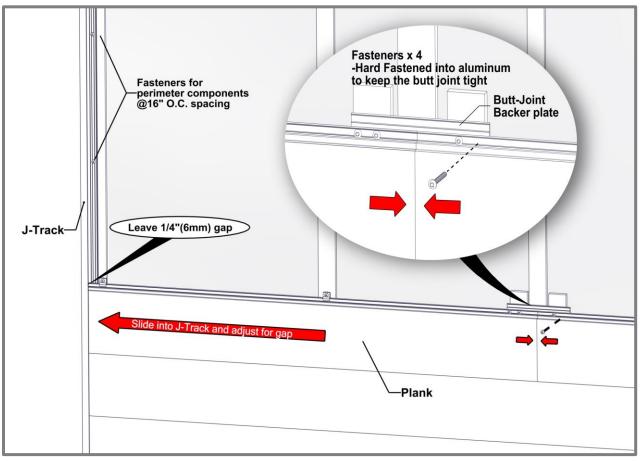
Single Butt-Joints

- Consider using butt-joints along runs to minimize waste.
- A When installing staggered butt-joints, use the Butt-Joint Fastening Kit to ensure joints do not open up (See Detail A & B).

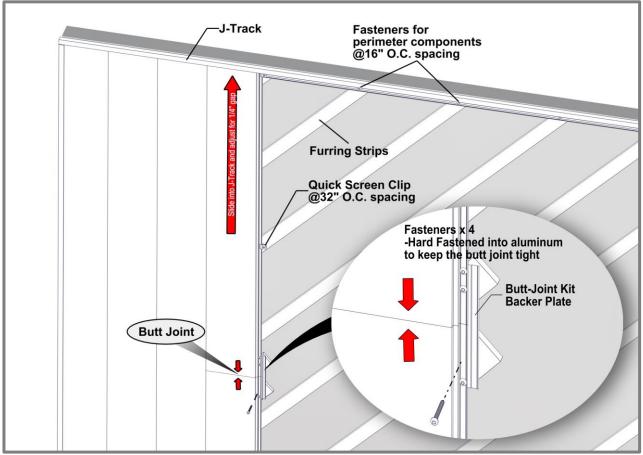
Fasteners should be placed at the uppermost location of the plank flange, to not interfere with the next plank engaging the tongue and groove properly. At the butt-joint, fasteners should be anchored into the Butt-Joint backer plate.

(See Detail C)

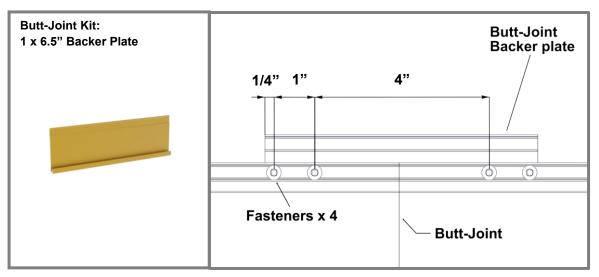
- Rivets can be used for single butt-joints, however clearance of the rivets and room for movement is required.
- On exposed cuts such as butt-joints, trim ends or similar, use touch-up paint pens (purchased separately) to finish the ends of the two (2) planks at the butt-joint.
- DO NOT hard-fasten 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 -Horizontal Cladding



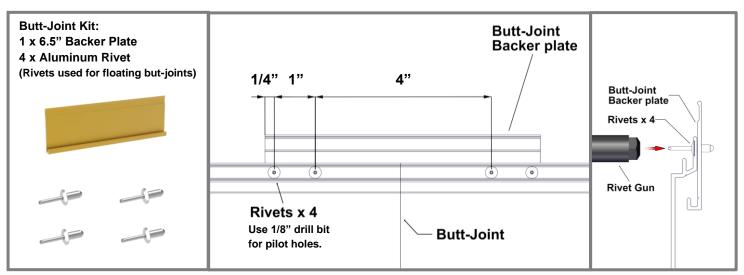
Detail B -Vertical Cladding



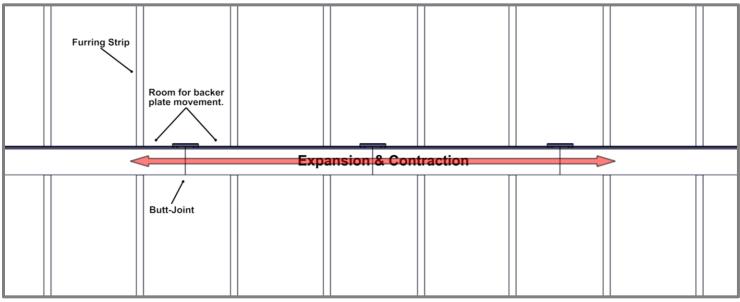
Detail C -Backer Plate (Hard Fastened)

Multiple Floating Butt-Joints

- A 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 D)
- 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. (See Detail E)
- 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.



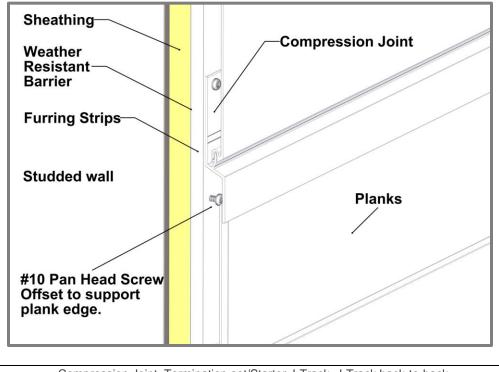
Detail D - Floating Butt-Joint



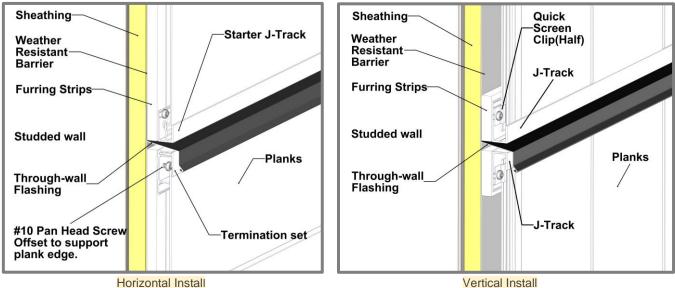
Detail E -Butt-Joint Movement

Floor elevation

Compression Joint



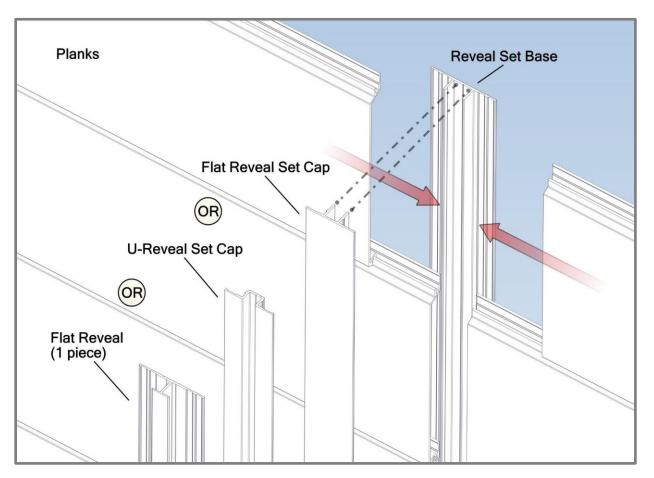
Туре:	Compression Joint, Termination set/Starter J-Track, J-Track back-to-back.
Location:	Typically, at every floor elevation and where through-wall flashing is required.
Details:	Note the orientation of planks for through-wall flashing install.



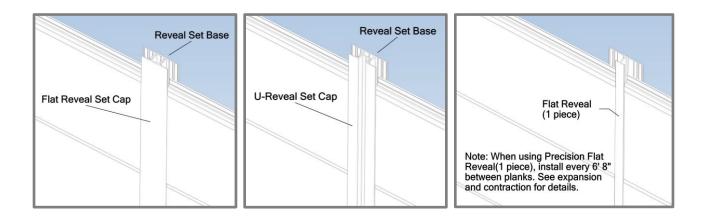
Through-wall Flashing

Vertical Install

Expansion reveals



Туре:	Traditional Flat Reveal Set/Traditional U-Reveal Set/Precision Flat Reveal.
Location:	Typically for wall areas greater than 24' (7.3m) long (no butt-joints) or 40' (12.2m) long
	(With staggered butt-joints). See Expansion and contraction for details.
Details:	Install base only to start and end cap once planks are installed.



Appendix

Expansion and Contraction Tables

DL	E 1 - IN				AVERA	GE TEMPE	RATURE A	T TIME OF	CUTTING	& INSTALL	ATION		
		°C	-50	-40	-30	-20	-10	0	10	20	30	40	50
		۴F	-58	-40	-22	-4	14	32	50	68	86	104	122
<u>.</u>	°C	°F				EXPAN	ISION OR C	ONTRACT	ION (INCH)	FOOT)			
CONSTRUCTION TEMP.	-50	-58	0.000	-0.003	-0.005	-0.008	-0.011	-0.014	-0.016	-0.019	-0.022	-0.024	-0.027
NT	-40	-40	0.003	0.000	-0.003	-0.005	-0.008	-0.011	-0.014	-0.016	-0.019	-0.022	-0.024
CTIO	-30	-22	0.005	0.003	0.000	-0.003	-0.005	-0.008	-0.011	-0.014	-0.016	-0.019	-0.022
RUC	-20	-4	0.008	0.005	0.003	0.000	-0.003	-0.005	-0.008	-0.011	-0.014	-0.016	-0.019
IST	-10	14	0.011	0.008	0.005	0.003	0.000	-0.003	-0.005	-0.008	-0.011	-0.014	-0.016
co	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
PO	20	68	0.019	0.016	0.014	0.011	0.008	0.005	0.003	0.000	-0.003	-0.005	-0.008
IAX	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
z		101	0.021										
BLINIMAX POST	50	122	0.027	0.024	0.022	0.019 GE TEMPE	0.016	0.014	0.011	0.008 & INSTALL	0.005 ATION	0.003	0.000
	50	122		-40 -40								0.003 40 104	0.000 50 122
BLI	50	122 ETRIC	0.027	-40	AVERA -30	GE TEMPE -20 -4	RATURE A	T TIME OF 0 32	CUTTING 10 50	& INSTALL 20 68	ATION 30	40	50
BLI	50 E 2 - M	122 ETRIC °C °F	0.027	-40	AVERA -30	GE TEMPE -20 -4	RATURE A -10 14	T TIME OF 0 32	CUTTING 10 50	& INSTALL 20 68	ATION 30	40	50 122
BLI	50 E 2 - M °C	122 ETRIC °C °F	-50 -58	-40 -40	AVERA -30 -22	GE TEMPE -20 -4 EXPAN	RATURE A -10 14 ISION OR C	T TIME OF 0 32	CUTTING 10 50 ON (MM/N	& INSTALL 20 68 1ETER)	ATION 30 86	40 104	50
BLI	50 E 2 - M °C -50	122 ETRIC °C °F •F -58	0.027 -50 -58 0.000	-40 -40 -0.230	AVERA -30 -22 -0.460	GE TEMPE -20 -4 EXPAN -0.690	RATURE A -10 14 ISION OR C -0.920	T TIME OF 0 32 ONTRACTI -1.150	CUTTING 10 50 ON (MM/N -1.380	& INSTALL 20 68 1ETER) -1.610	ATION 30 86 -1.840	40 104 -2.070	50 122 -2.300
BLI	50 E 2 - M ° C -50 -40	122 ETRIC °C °F -58 -40	0.027 -50 -58 0.000 0.230	-40 -40 -0.230 0.000	AVERA -30 -22 -0.460 -0.230	GE TEMPE -20 -4 EXPAN -0.690 -0.460	RATURE A -10 14 ISION OR C -0.920 -0.690	T TIME OF 0 32 0NTRACTI -1.150 -0.920	CUTTING 10 50 ON (MM/N -1.380 -1.150	& INSTALL 20 68 IETER) -1.610 -1.380	ATION 30 86 -1.840 -1.610	40 104 -2.070 -1.840	50 122 -2.300 -2.070
BLI	50 E 2 - M € -50 -40 -30	122 ETRIC °C °F -58 -40 -22	0.027 -50 -58 0.000 0.230 0.460	-40 -40 -0.230 0.000 0.230	AVERA -30 -22 -0.460 -0.230 0.000	GE TEMPE -20 -4 EXPAN -0.690 -0.460 -0.230	RATURE A -10 14 ISION OR C -0.920 -0.690 -0.460	T TIME OF 0 32 ONTRACTI -1.150 -0.920 -0.690	CUTTING 10 50 ON (MM/N -1.380 -1.150 -0.920	& INSTALL 20 68 (ETER) -1.610 -1.380 -1.150	ATION 30 86 -1.840 -1.610 -1.380	40 104 -2.070 -1.840 -1.610	50 122 -2.300 -2.070 -1.840 -1.610
BLI	50 E 2 - M € -50 -40 -30 -20	122 ETRIC °C °F -58 -40 -22 -4	0.027 -50 -58 0.000 0.230 0.460 0.690	-40 -40 -0.230 0.000 0.230 0.460	AVERA -30 -22 -0.460 -0.230 0.000 0.230	GE TEMPE -20 -4 EXPAN -0.690 -0.460 -0.230 0.000	RATURE A -10 14 ISION OR C -0.920 -0.690 -0.460 -0.230	T TIME OF 0 32 0NTRACTI -1.1 50 -0.920 -0.690 -0.460	CUTTING 10 50 ON (MM/N -1.380 -1.150 -0.920 -0.690	& INSTALL 20 68 1ETER) -1.610 -1.380 -1.150 -0.920	ATION 30 86 -1.840 -1.610 -1.380 -1.150	40 104 -2.070 -1.840 -1.610 -1.380	50 122 -2.300 -2.070 -1.840 -1.610 -1.380
BLI	 50 E 2 - M C -50 -40 -30 -20 -10 	122 ETRIC °C °F -58 -40 -22 -4 14	0.027 -50 -58 0.000 0.230 0.460 0.690 0.920	-40 -40 -0.230 0.000 0.230 0.460 0.690	AVERA -30 -22 -0.460 -0.230 0.000 0.230 0.460	GE TEMPE -20 -4 EXPAN -0.690 -0.460 -0.230 0.000 0.230	ERATURE A -10 14 ISION OR C -0.920 -0.690 -0.460 -0.230 0.000	T TIME OF 0 32 0NTRACTI -1.150 -0.920 -0.690 -0.460 -0.230	CUTTING 10 50 ON (MM/N -1.380 -1.150 -0.920 -0.690 -0.460	& INSTALL 20 68 (ETER) -1.610 -1.380 -1.150 -0.920 -0.690	ATION 30 86 -1.840 -1.610 -1.380 -1.150 -0.920	40 104 -2.070 -1.840 -1.610 -1.380 -1.150	50 122 -2.300 -2.070 -1.840 -1.610 -1.380 -1.150
BLI	°C -50 -40 -30 -20 -10 0	122 ETRIC °C °F -58 -40 -22 -4 14 32	0.027 -50 -58 0.000 0.230 0.460 0.690 0.920 1.150 1.380 1.610	-40 -40 -0.230 0.000 0.230 0.460 0.690 0.920	AVERA -30 -22 -0.460 -0.230 0.000 0.230 0.460 0.690	GE TEMPE -20 -4 EXPAN -0.690 -0.460 -0.230 0.000 0.230 0.460	ERATURE A -10 14 ISION OR C -0.920 -0.690 -0.460 -0.230 0.000 0.230	T TIME OF 0 32 0NTRACTI -1.150 -0.920 -0.690 -0.460 -0.230 0.000	CUTTING 10 50 ON (MM/N -1.380 -1.150 -0.920 -0.690 -0.460 -0.230	& INSTALL 20 68 (ETER) -1.610 -1.380 -1.150 -0.920 -0.690 -0.460	ATION 30 86 -1.840 -1.610 -1.380 -1.150 -0.920 -0.690	40 104 -2.070 -1.840 -1.610 -1.380 -1.150 -0.920	50 122 -2.300 -2.070 -1.840
BLI	50 E 2 - M [◦] C -50 -40 -30 -20 -10 0 10	122 ETRIC °C °F -58 -40 -22 -4 14 32 50	0.027 -50 -58 0.000 0.230 0.460 0.690 0.920 1.150 1.380	-40 -40 -0.230 0.000 0.230 0.460 0.690 0.920 1.150	AVERA -30 -22 -0.460 -0.230 0.000 0.230 0.460 0.690 0.920	GE TEMPE -20 -4 EXPAN -0.690 -0.460 -0.230 0.000 0.230 0.460 0.690	ERATURE A -10 14 ISION OR C -0.920 -0.690 -0.460 -0.230 0.000 0.230 0.460	T TIME OF 0 32 0NTRACTI -1.150 -0.920 -0.690 -0.460 -0.230 0.000 0.230	CUTTING 10 50 ON (MM/N -1.380 -1.150 -0.920 -0.690 -0.460 -0.230 0.000	& INSTALL 20 68 (ETER) -1.610 -1.380 -1.150 -0.920 -0.690 -0.460 -0.230	ATION 30 86 -1.840 -1.610 -1.380 -1.150 -0.920 -0.690 -0.460	40 104 -2.070 -1.840 -1.610 -1.380 -1.150 -0.920 -0.690	50 122 -2.300 -2.070 -1.840 -1.610 -1.380 -1.150 -0.920
	50 E 2 - M [°] C -50 -40 -30 -20 -10 0 10 20	122 ►TRIC °C °F -58 -40 -22 -4 14 32 50 68	0.027 -50 -58 0.000 0.230 0.460 0.690 0.920 1.150 1.380 1.610	-40 -40 -0.230 0.000 0.230 0.460 0.690 0.920 1.150 1.380	AVERA -30 -22 -0.460 -0.230 0.000 0.230 0.460 0.690 0.920 1.150	GE TEMPE -20 -4 EXPAN -0.690 -0.460 -0.230 0.000 0.230 0.460 0.690 0.920	RATURE A -10 14 ISION OR C -0.920 -0.690 -0.460 -0.230 0.000 0.230 0.460 0.690	T TIME OF 0 32 0NTRACTI -1.150 -0.920 -0.690 -0.460 -0.230 0.000 0.230 0.460	CUTTING 10 50 ON (MM/N -1.380 -1.150 -0.920 -0.690 -0.460 -0.230 0.000 0.230	& INSTALL 20 68 (ETER) -1.610 -1.380 -1.150 -0.920 -0.690 -0.460 -0.230 0.000	ATION 30 86 -1.840 -1.610 -1.380 -1.150 -0.920 -0.690 -0.460 -0.230	40 104 -2.070 -1.840 -1.610 -1.380 -1.150 -0.920 -0.690 -0.460	50 122 -2.300 -2.070 -1.840 -1.610 -1.380 -1.150 -0.920 -0.690

Table 3 - Fastener to Structure

	RCHITECTURE		FAST	ENEF	r to s	STRUC	CTUR	E SPA	CING	- WIN	D LOA	١D
T&G PLANKS						PSF (Fa	ctored /	Ultimate))			
T&G FLANKS		20	30	40	50	60	70	80	90	100	110	120
	16"											
QUICK-SCREEN CLIP SPACING (IN) 24"												
	32"											
Plank Profiles: V-Groove (2		6") Smo	oth (6") C	bannol (6) an S	idina (6")	Board 8	Batton Si	ding (7")			
	-172,4,	0), 3110	Jiii (0), C	manner (c		• • •	·					
TRIM COMPONEN	ITS*	20	30	40	50	-SF (Fa 60	ctored /	Ultimate) 80	90	100	110	10
	16"	20	- 30	40	50	60	70	00	90	100	110	12
Soffit direct to truss	24"											
*Starter Strip requires Two	(2) install	ation anc	hors at ea	ich faster	er locatio	n: 1 Quic	k-Screen	•				
								Calculat	ions are	using L/1	80 deflect	ion lin
SUBSTRATE TYPE	5		LE REQU		TS	ANCHO	R DESC		М		MIN. E	
WOOD			ic gravity =				Pan Head			DMENT		ANCE 4"
WOOD		wiin. speci	ic gravity -	0.55 000	u	#101	-an neau	Sciew		eads	5/	4
STEEL		Min. 1	8 ga., min.	33 ksi.		#10 Te	k Screw (g	rade 5)	penetrat metal s	ion past tructure	1/	2"
CONCRETE**		Ν	1in. 3000 p	si		2/1			1	•	1	
MASONRY - CMU**	Grout-fi	lled block p	er ASTM (2-90, min.	2000 psi	3/1	6" ITW Tap	CON	1	•	2	
 Adequacy of the structural s transferring applied product loa Substrate shall be designed architect of record for the proje The installation details dead 	ads to the i and ancho ect of instal	oundation pred to pro lation. n are gene	is the resp perly trans	onsibilty o	fthe engin	eer or arch	itect of re	ord for the	project of	installation	1.	-
 The installation details desc from the requirements detailed An unfactored dead load of <u>INSTALLATION NOTES</u>: One (1) installation anchor is Spacing is from clip/fastener The number of installation a Install individual installation the next. If fastening to every second Minimum embedment and e siding. Installation anchors and ass 	I herein, a 1.5 psf was s required r center to nchors per anchors w stud, the a dge distan	s assumed at each Qu center. the table i ithin a tolei uttachment ce exclude	ngineer or a for the cla uick-Screer s the minir rance of +/ stud shall e wall finish	architect si dding. n Clip locat num numb • 1/2" of th be staggei es, includi	hall prepar ion. Minim er of anch e specifiec red betwee ng but not	e site spec um of two ors to be u spacings. n adjacent limited to v	ific docum (2) anchor sed for pro Tolerance t runs of cl vood furrir	ents for us s per plank oduct instal s are not c adding. gs, stucco,	e with this lation. umulative foam, brid	document from one ir :k veneer,	stallation a	anchor
from the requirements detailed 4. An unfactored dead load of INSTALLATION NOTES: 1. One (1) installation anchor is 2. Spacing is from clip/fastener 3. The number of installation a 4. Install individual installation the next. 5. If fastening to every second 6. Minimum embedment and e siding.	I herein, a 1.5 psfwas s required r center to nchors per anchors w stud, the a dge distan ociated ha listed belo ers for mode	s assumed at each Qu center. the table i tithin a tole tithin a tole uttachment ce exclude rdware mu w: derate clim	ngineer or : for the cla uick-Screer s the minin rance of +/ stud shall wall finish ist be made ate zones	architect si dding. n Clip locat num numb -1/2" of th be staggei es, includi e of corros	hall prepar ion. Minim er of anch e specifiec red betwee ng but not	e site spec um of two ors to be u spacings. n adjacent limited to v	ific docum (2) anchor sed for pro Tolerance t runs of cl vood furrir	ents for us s per plank oduct instal s are not c adding. gs, stucco,	e with this lation. umulative foam, brid	document from one ir :k veneer,	stallation a	anchor
from the requirements detailed 4. An unfactored dead load of <u>INSTALLATION NOTES</u> 1. One (1) installation anchor is 2. Spacing is from clip/fastened 3. The number of installation a 4. Install individual installation the next. 5. If fastening to every second 6. Minimum embedment and e siding. 7. Installation anchors and ass can be equal or better to a & b a. Zinc plated fastene	I herein, a 1.5 psfwa: s required r center to nchors per anchors w stud, the a dge distan ociated ha listed belc ers for mod el fasteners	s assumed at each Qu center. the table i tithin a tolei tithin a t	ngineer or : for the cla uick-Screer s the minin rance of +/ stud shall wall finish ist be made ate zones al climate z	architect si dding. n Clip locat num numb 1/2" of th be staggei es, includi e of corros ones	ion. Minim er of anch e specifiec red betwee ng but not ion resista	e site spec um of two ors to be u spacings. n adjacent limited to v nt material	ific docum (2) anchor sed for pro Tolerance truns of cl vood furrir or have a	ents for us s per plank oduct instal s are not c adding. gs, stucco, corrosion r	e with this lation. umulative foam, brid resistant co	document from one ir :k veneer, pating. Cor	sheathing	anchor and ener typ

INSPIRING	DARD [®]		FAST	ENER	то wa	DOD S	HEATH	HING S		IG - W	IND LC	DAD
2-1/2" PLANK	c .					PSF (Fa	ctored / I	Jltimate)				
Z-IIZ PLANK	3	20	30	40	50	60	70	80	90	100	110	120
QUICK-SCREEN CLIP	24"											
SPACING (IN)	32"											
Plank Profile: 2-1/2" V-Groo	ve											
						PSF (Fa	ctored / I	Jltimate)				
TRIM COMPONE	NTS*	20	30	40	50	60	70	80	90	100	110	120
	16"											
*Starter Strip requires Two	(2) installati	on anchor	s at each 1	fastener lo	cation: 1 C	uick-Scree	en Clip + 1	Mid-Point	slotted ho	ole	•	
								Ca	lculations	are using	L/60 defled	ction lin
	1				ANC		MIN. S		b.a	IN.		EDGE
SUBSTRATE TYPE	SUBS	TRATE R	EQUIREN	IENTS				GTH		DMENT		ANCE
7/16" OSB/PLYWOOD	AP	A rated she	athing or be	etter	#10 Pan H	lead Wood rew		1"	7/	16"	1	1"
GENERAL NOTES: 1. Substrate shall be designed		d to proper	ly transfer a	II loads to th	ne structure	buck desigr	and install	ation is the	responsibili	ly of the eng	ineer or arc	hitect of
1. Substrate shall be designed record for the project of installa 2. The installation details descr requirements detailed herein, a	ition. ribed herein a a licensed eng	are generic gineer or ar	and may no chitect shal	t reflect act I prepare sit	ual conditio	ns for a spec	cific site. If s	site conditio	ns cause in			
1. Substrate shall be designed record for the project of installa 2. The installation details descr	ition. ribed herein a a licensed eng	are generic gineer or ar	and may no chitect shal	t reflect act I prepare sit	ual conditio	ns for a spec	cific site. If s	site conditio	ns cause in			
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1. Substrate shall be designed record for the project of installa 2. The installation details descri- requirements detailed herein, a 3. An unfactored dead load of 1 <u>INSTALLATION NOTES</u> : 1. One (1) installation anchor is 2. Spacing is from clip/fastener 3. The number of installation at 4. Install individual installation at 5. Installation anchors and assi- better to a & b listed below: a. Zinc plated faster b. 316 Stainless Ste 6. Installation anchors shall be than the minimum strength spe <u>REFERENCED DATA</u> :	tion. ibed herein a licensed eng 1.5 psf was a required at a center to cen- nchors per th anchors within ociated hardwo heres for mode bel fasteners for installed in a cified by the g Code	are generic gineer or ar ssumed for each Quick nter. e table is th n a tolerand ware must b orate climat for coastal ccordance anchor mai	and may no chitect shal the claddin -Screen Clij -Screen Clij ne minimum ce of +/- 1/2 be made of e zones climate zone with anchor nufacturer.	It reflect act I prepare sit g. p location. N number of " of the spe corrosion re es manufactui	ual condition e specific d Ainimum of i anchors to t cified spacin sistant mate	ns for a specocuments fo ocuments fo two (2) anch two (2) anch oe used for p ngs. Toleran erial or have	cific site. If a r use with t ors per pla oroduct inst ces are not a corrosior	site condition his documen nk. allation. cumulative n resistant co	from one ir not.	sstallation to Istallation ar Inmon fasten	de∨iate fror nchor to the er types ca	n the next. n be equ

Table 4 - Fastener to Sheathing (2-1/2" Planks)

			FAST	ENER		JODS	HEAT	iing s		10 - 10		
4" PLANKS						PSF (Fa	ctored / l	Jltimate)				
4 1 241110	_	20	30	40	50	60	70	80	90	100	110	120
	16"											
QUICK-SCREEN CLIP SPACING (IN)	24"											
	32"											
Plank Profile: 4" V-Groove												
TRIM COMPONEN	ITS*		1			PSF (Fa	ctored / l	Jltimate)	_			
		20	30	40	50	60	70	80	90	100	110	120
	16"											
Starter Strip requires Two (2) installati	on anchor	s at each [.]	fastener lo	ocation: 1 C	Quick-Scree	en Clip + 1	Mid-Point	slotted ho	le		
								Ca	lculations	are using	L/60 defle	ction limi
SUBSTRATE TYPE	1											
	CUD	TDATE D		AENITO	ANC	HOR	MIN. S	CREW	MI	N.	MIN.	EDGE
SUDSTRALETTPE	SUBS	STRATE R	EQUIREN	MENTS	DESCF	RIPTION		CREW GTH		N. DMENT		EDGE ANCE
7/16" OSB/PLYWOOD		A rated shee			DESCF #10 Pan F	RIPTION	LEN		EMBEI		DIST	
7/16" OSB/PLYWOOD <u>SENERAL NOTES:</u> 1. Substrate shall be designed a ecord for the project of installat 2. The installation details descri equirements detailed herein, a 3. An unfactored dead load of 1. <u>NSTALLATION NOTES:</u> 1. One (1) installation anchor is 2. Spacing is from clip/fastener is 3. The number of installation an 4. Install individual installation a 5. Installation anchors and asso better to a & b listed below:	AP and anchore ion. bed herein a licensed en .5 psf was a required at center to ce chors per th inchors withi cicited hardw	A rated shee d to properi gineer or an ssumed for each Quick- nter. table is th in a tolerance ware must b	athing or be y transfer a and may no chitect shal the claddin Screen Cli e minimum e of +/- 1/2 e made of	atter all loads to the of reflect act of person of the p location. I number of " of the spe	DESCF #10 Pan H Sc he structure tual conditio te specific d Minimum of anchors to l ccified spaci	RIPTION lead Wood rew buck design ns for a spec occuments fo Nwo (2) anch ne used for p ngs. Tolerand	LEN 1 and install iffic site. If s ruse with t ors per plan product inst	GTH " ation is the i ite condition is documen nk. allation. cumulative	EMBEI 7/ responsibilit ns cause in- nt.	DMENT 16" y of the eng stallation to	DIST.	ANCE "" chitect of n the next.
7/16" OSB/PLYWOOD SENERAL NOTES: 1. Substrate shall be designed a ecord for the project of installat 2. The installation details descri equirements detailed herein, a 3. An unfactored dead load of 1. <u>NSTALLATION NOTES:</u> 1. One (1) installation anchor is 2. Spacing is from clip/fastener 3. The number of installation an b. Install individual installation a 5. Installation anchors and asso	AP and anchore ion. bed herein a licensed en .5 psf was a required at center to ce chors per th inchors withi sciated hardv ers for mode	A rated sheet d to properi are generic : gineer or an ssumed for each Quick- nter. the table is th in a toleranc ware must b erate climate	athing or be y transfer a and may no chitect shal the claddin Screen Cli e minimum e of +/- 1/2 e made of e zones	all loads to the second	DESCF #10 Pan H Sc he structure tual conditio te specific d Minimum of anchors to l ccified spaci	RIPTION lead Wood rew buck design ns for a spec occuments fo Nwo (2) anch ne used for p ngs. Tolerand	LEN 1 and install iffic site. If s ruse with t ors per plan product inst	GTH " ation is the i ite condition is documen nk. allation. cumulative	EMBEI 7/ responsibilit ns cause in- nt.	DMENT 16" y of the eng stallation to	DIST.	ANCE "" chitect of n the next.
7/16" OSB/PLYWOOD SENERAL NOTES: 1. Substrate shall be designed a ecord for the project of installat 2. The installation details descri equirements detailed herein, a 8. An unfactored dead load of 1. <u>NSTALLATION NOTES:</u> 1. One (1) installation anchor is 2. Spacing is from clip/fastener 3. The number of installation an b. Install individual installation as 5. Installiation anchors and asso better to a & b listed below: a. Zinc plated fastener	AP and anchore ion. bed herein a licensed en .5 psf was a required at center to ce chors per th inchors with isciated hardw ers for mode el fasteners nstalled in a	A rated shee d to properi are generic. gineer or ar ssumed for each Quick- nter. e table is th in a toleranc ware must b erate climate for coastal o ccordance y	athing or be y transfer a and may no chitect shal the claddin Screen Cli e minimum te of +/- 1/2 e made of 2 zones limate zon- with anchoi	all loads to the spectrum of t	DESCF #10 Pan H Sc he structure tual conditio te specific d Vinimum of anchors to I anchors to I cified spaci ssistant mate	RIPTION lead Wood rew buck design ns for a spec ocuments fo hwo (2) anch two (2) anch ocuments fo re used for p ngs. Tolerand rial or have	LEN 1 and install ific site. If a r use with t ors per plan product inst ces are not a corrosior	GTH " ation is the i ite condition nis document nk. allation. cumulative resistant co	EMBEI 7/ responsibilt ns cause in- nt. from one in pating. Corr	DMENT 16" y of the eng stallation to stallation ar mon faster	DIST.	ANCE I" chitect of n the next. n be equa
7/16" OSB/PLYWOOD SENERAL NOTES: 1. Substrate shall be designed a ecord for the project of installat equirements detailed herein, a 3. An unfactored dead load of 1. NSTALLATION NOTES: 1. One (1) installation anchor is 2. Spacing is from clip/fastener 3. The number of installation an 4. Install individual installation an 5. Installation anchors and asso netter to a & b listed below: a. Zinc plated fasten b. 316 Stainless Stee 6. Installation anchors shall be i	AP and anchore ion. bed herein a licensed en .5 psf was a required at center to ce chors per th inchors with isciated hardw ers for mode el fasteners nstalled in a	A rated shee d to properi are generic. gineer or ar ssumed for each Quick- nter. e table is th in a toleranc ware must b erate climate for coastal o ccordance y	athing or be y transfer a and may no chitect shal the claddin Screen Cli e minimum te of +/- 1/2 e made of 2 zones limate zon- with anchoi	all loads to the spectrum of t	DESCF #10 Pan H Sc he structure tual conditio te specific d Vinimum of anchors to I anchors to I cified spaci ssistant mate	RIPTION lead Wood rew buck design ns for a spec ocuments fo hwo (2) anch two (2) anch ocuments fo re used for p ngs. Tolerand rial or have	LEN 1 and install ific site. If a r use with t ors per plan product inst ces are not a corrosior	GTH " ation is the i ite condition nis document nk. allation. cumulative resistant co	EMBEI 7/ responsibilt ns cause in- nt. from one in pating. Corr	DMENT 16" y of the eng stallation to stallation ar mon faster	DIST.	ANCE I" chitect of n the next. n be equa
7/16" OSB/PLYWOOD SENERAL NOTES: 1. Substrate shall be designed a ecord for the project of installat 2. The installation details descri equirements detailed herein, a 8. An unfactored dead load of 1. NSTALLATION NOTES: 1. One (1) installation anchor is 2. Spacing is from clip/fastener 3. The number of installation an 5. Installindividual installation a 6. Installation anchors and asso setter to a & b listed below: a. Zinc plated fasten b. 316 Stainless Stee 6. Installation anchors shall be i han the minimum strength spece	AP and anchore ion. bed herein a licensed en .5 psf was a required at center to ce chors per th inchors with inclated hardv ers for mode el fasteners installed in a cified by the	A rated shee d to properi are generic. gineer or ar ssumed for each Quick- nter. e table is th in a toleranc ware must b erate climate for coastal o ccordance y	athing or be y transfer a and may no chitect shal the claddin Screen Cli e minimum te of +/- 1/2 e made of 2 zones limate zon- with anchoi	all loads to the spectrum of t	DESCF #10 Pan H Sc he structure tual conditio te specific d Vinimum of anchors to I anchors to I cified spaci ssistant mate	RIPTION lead Wood rew buck design ns for a spec ocuments fo hwo (2) anch two (2) anch ocuments fo re used for p ngs. Tolerand rial or have	LEN 1 and install ific site. If a r use with t ors per plan product inst ces are not a corrosior	GTH " ation is the i ite condition nis document nk. allation. cumulative resistant co	EMBEI 7/ responsibilt ns cause in- nt. from one in pating. Corr	DMENT 16" y of the eng stallation to stallation ar mon faster	DIST.	ANCE I" chitect of n the next. n be equa

Table 5 - Fastener to Sheathing (4" Planks)

7" Decird O D	6" Planks, 6" Lap Siding, 7" Board & Batten		PSF (Factored / Ultimate)											
	Batten	20	30	40	50	60	70	80	90	100	110	120		
	12"													
QUICK-SCREEN CLIP	16"													
SPACING (IN)	24"													
	32"													
Plank Profiles: 6" V-Groove	, 6" Smooth	, 6" Chan	nel, 6" Lap	, 7" Board	& Batten									
TRIM COMPONEN	JTS*					PSF (Fa	ctored /	Ultimate)						
	115	20	30	40	50	60	70	80	90	100	110	120		
	16"													
*Starter Strip requires Two (2) installati	on anchor	's at each	fastener lo	cation: 1 Q	uick Scrop	en Clip + 1	Mid Daint	clattad ba					
							su eub - i	Mid-Point	Solieund	le				
										ie are using l	./60 defle	ction limit		
SUBSTRATE TYPE	SUBS	STRATE R	EQUIREN	IENTS	ANCI DESCR	HOR	MIN. S		lculations MI	are using l	MIN.	ction limi EDGE ANCE		
7/16" OSB/PLYWOOD GENERAL NOTES: 1. Substrate shall be designed record for the project of installa 2. The installation details descr	AP and anchore tion. ibed herein a	A rated she ed to proper are generic	athing or be ly transfer a and may no	etter III loads to th ot reflect act	ANCI DESCR #10 Pan H Sci ne structure ual conditior	HOR IPTION ead Wood ew buck design	MIN. S LEN	Ca CREW IGTH 1" lation is the site condition	responsibilit	are using t N. DMENT 16" y of the eng	MIN. I DIST.	EDGE ANCE I"		
7/16" OSB/PLYWOOD GENERAL NOTES: 1. Substrate shall be designed record for the project of installa 2. The installation details descr requirements detailed herein, a	AP and anchore tion. ibed herein a licensed en	A rated she d to proper are generic gineer or ar	athing or be ly transfer a and may no rchitect shal	etter III loads to th ot reflect act I prepare sit	ANCI DESCR #10 Pan H Sci ne structure ual conditior	HOR IPTION ead Wood ew buck design	MIN. S LEN	Ca CREW IGTH 1" lation is the site condition	responsibilit	are using t N. DMENT 16" y of the eng	MIN. I DIST.	EDGE ANCE I"		
7/16" OSB/PLYWOOD GENERAL NOTES: 1. Substrate shall be designed record for the project of installa 2. The installation details descr requirements detailed herein, a 3. An unfactored dead load of 1	AP and anchore tion. ibed herein a licensed en	A rated she d to proper are generic gineer or ar	athing or be ly transfer a and may no rchitect shal	etter III loads to th ot reflect act I prepare sit	ANCI DESCR #10 Pan H Sci ne structure ual conditior	HOR IPTION ead Wood ew buck design	MIN. S LEN	Ca CREW IGTH 1" lation is the site condition	responsibilit	are using t N. DMENT 16" y of the eng	MIN. I DIST.	EDGE ANCE I"		
7/16" OSB/PLYWOOD GENERAL NOTES: 1. Substrate shall be designed record for the project of installa 2. The installation details descr requirements detailed herein, a 3. An unfactored dead load of 1 INSTALLATION NOTES:	AP and anchore tion. libed herein a licensed en .5 psf was a	A rated she ed to proper are generic gineer or ar issumed for	athing or be ly transfer a and may no chitect shal the claddir	otter III loads to th treflect act I prepare sit g.	ANCI DESCR #10 Pan H Sci e structure ual condition e specific do	HOR IPTION ead Wood rew buck design buck design s for a spec scuments fo	MIN. S LEN and instal cific site. If r use with f	CREW IGTH 1" lation is the site condition his docume	responsibilit	are using t N. DMENT 16" y of the eng	MIN. I DIST.	EDGE ANCE I"		
	AP and anchore tion. libed herein a licensed en .5 psf was a	A rated she and to proper are generic gineer or ar assumed for each Quick	athing or be ly transfer a and may no chitect shal the claddir	otter III loads to th treflect act I prepare sit g.	ANCI DESCR #10 Pan H Sci e structure ual condition e specific do	HOR IPTION ead Wood rew buck design buck design s for a spec scuments fo	MIN. S LEN and instal cific site. If r use with f	CREW IGTH 1" lation is the site condition his docume	responsibilit	are using t N. DMENT 16" y of the eng	MIN. I DIST.	EDGE ANCE I"		
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Table 6 - Fastener to Sheathing (6" Planks)

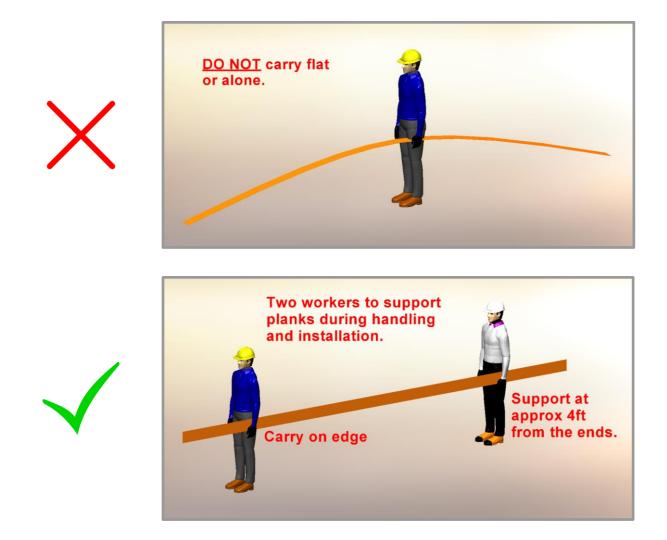


APPLICATION	A -Large Circular	dius Table B -Curved walls	C -Convex	D -Concave		
AFFLICATION	A -Large Circular					
DIAGRAMS T&G Radius Info	J-Track	Termination Set	J-Track J-Track	J-Track J-Track		
TRIMS	Minimum Radius					
Non-Tempered Precision J-Track (5/8")	1.5' (0.46m)	N/A	1.5' (0.46m)	2' (0.61m)		
Precision J-Track (5/8")	15' (4.57m)	N/A	N/A	N/A		
Precision Two-Piece J-Track w. J-base	15' (4.57m)	N/A	8' (2.44m)	8' (2.44m)		
Precision Termination Set	N/A	12' (4.57m)	N/A	N/A		
Non-Tempered Craftsman J-Track (7/8")	6' (1.83m)	N/A	6' (1.83m)	6' (1.83m)		
Craftsman J-Track (7/8")	38' (11.6m)	N/A	20' (6.1m)	20' (6.1m)		
Craftsman Two-Piece J-Track w. J-Base	20' (6.1m)	N/A	8' (2.44m)	8' (2.44m)		
Craftsman Termination Set	N/A	12' (4.57m)	N/A	N/A		
Traditional Two-Piece J-Track w. J-base	38' (11.6m)	N/A	8' (2.44m)	8' (2.44m)		
Traditional Termination Set	N/A	12' (4.57m)	N/A	N/A		
PLANKS		Minimum	Radius			
2 1/2" V-Groove	N/A	12' (4.57m)	1.5' (0.46m)	2' (0.61m)		
2 1/2" V-Groove Perforated	N/A	12' (4.57m)	1.5' (0.46m)	2' (0.61m)		
4" V-Groove	N/A	12' (4.57m)	3' (0.91m)	6' (1.83m)		
6" V-Groove	N/A	12' (4.57m)	3' (0.91m)	6' (1.83m)		
6" Channel	N/A	12' (4.57m)	3' (0.91m)	6' (1.83m)		
6" Smooth Plank	N/A	12' (4.57m)	3' (0.91m)	6' (1.83m)		
6" V-Groove Perforated	N/A	12' (4.57m)	3' (0.91m)	6' (1.83m)		
6" Smooth Plank Perforated	N/A	12' (4.57m)	3' (0.91m)	6' (1.83m)		
4" Castellation	N/A	12' (4.57m)	3' (0.91m)	6' (1.83m)		
8" Castellation	N/A	12' (4.57m)				
6" Triple Bevel	N/A	19' (5.8m)	3' (0.91m)	6' (1.83m)		
8" V-Groove	N/A	12' (4.57m)				

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.



A Delivery, Storage & Handling

- Always inspect the delivery for damage and contact LB ASAP if there are any issues: <u>info@longboardproducts.com</u> 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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For more information, contact client care at info@longboardproducts.com or call toll free 1-800-604-0343.