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Tongue and Groove Cladding Installation Guidelines

Table of Contents

Product Description	3
Material Specifications	3
Surface finishes	3
Expansion and contraction	3
Material ordering and deliveries	4
Storage and handling	4
Cleaning	4
Warranty	4
Warranty	-
Components/Tools	5
Tools/equipment and hardware	5
Component images and descriptions	5
System Install	6
System Install Install considerations	<u>6</u> 6
Install techniques/tips/details	6-8
Cutting	9
Fastening	9
Framing requirements	9
r ranning requirements	0
System layout	10
Perimeter and field area limitations	10
Install perimeter components	11
J-Track	11
Termination Set	11
Starter Strip	11-12
Corners	13
Install field components -Floor elevation	ns 14
Install field components -Exp. Reveal	15
Install plank components	16
Horizontal plank steps	16-17
Vertical plank steps	18-19
Final Steps	20
Appendix	21
Tables - Expansion & contraction	21
Tables - Quick Screen clip/wind load	22
Handling and care of products	23
Contact Info	24

Product Description

Longboard® architectural products are extruded aluminum systems for high performance building facades and decorative elements. These streamlined systems are integrated with existing building materials and designed for many applications. Longboard encompasses a naturally beautiful finish while providing a premium quality material designed to be installed horizontally or vertically. Longboard products are available in standard lengths and widths for typical styles of cladding and specific architectural products.

Material Specifications

Surface Finishes

Longboard Products are available in a wide range of woodgrains and solid colors varying in color and tone to suit your aesthetic look. 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.

All Longboard 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.

Expansion & Contraction

Planks & components expand & contract 1/4" (6mm) over 24' (7.3m) in all directions, measured over a 30°C (54°F) temperature range. Due to this range of movement, the following expansion components should be installed parallel and perpendicular every:

Horizontal Install

 24' (7.3m) max^{1 2} Perpendicular to Planks: Traditional Flat Reveal Set, Traditional U-Reveal Set Parallel to Planks (at each floor elevation): Compression Joint

Vertical Install

 24' (7.3m) max² Parallel and/or Perpendicular to Planks: Traditional Flat Reveal Set, Traditional U-Reveal Set, J-Tracks back to back

> ¹Note: 40' (12.2m) max if using staggered butt-joints. ²Note: Through-wall flashing (where required) at every floor elevation.

Other options (Perpendicular to Planks only)

- 12' (3.7m) -Craftsman U-Reveal Set
- 6' 8" (2m) -Precision Flat Reveal

When using expansion components, each plank must terminate into a minimum of one (1) component to allow for expansion & contraction.

See: Appendix for tables of expansion/contraction calculations per foot/meter of material.



Material Ordering & Delivery

•	Packaging:	Planks are sold in box quantities: 6" V-Groove, 6" Channel & 6" Smooth: 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 Components are sold individually by the 12' (3.7m) length.
•	Shipping:	Lead time is 3-6 business days* + shipping (<i>*subject to change</i>), 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: 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

While Longboard finishes require zero maintenance, we do recommend periodic cleaning to keep the product looking its best. Our finish is tested to withstand corrosion, fading and normal wear, however, neglect and rough conditions could have negative effects on the surface finish. Your Longboard products should be cleaned immediately after installation. See the cleaning guide for our suggestions based on soil level. Basic methods use a combination of moderate water pressure, soft sponge/brush and a mild detergent.

*see Cleaning Guide for full requirements: longboardproducts.com

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

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

Warranty

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

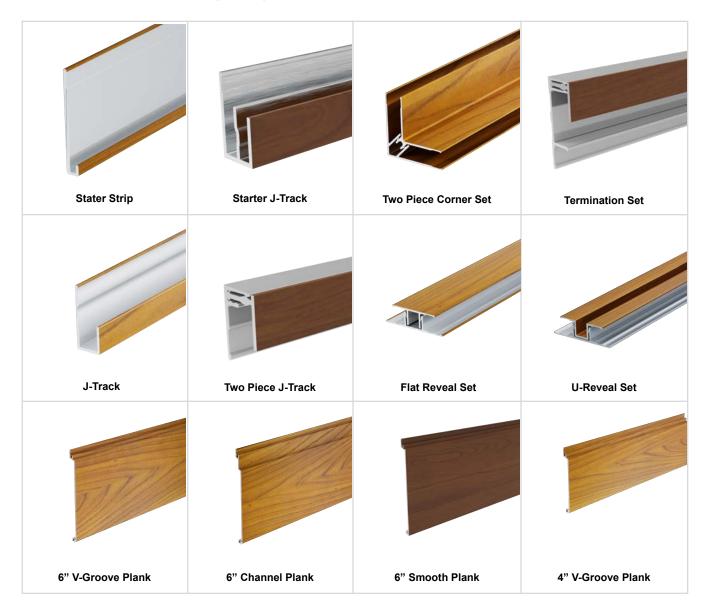
Tools/equipment/hardware

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

Recommended to use standard 2" - #8 panhead screws supplied by the installer.

Component images and descriptions (Typical)

Longboard systems consist of many components used in conjunction with each other to create a dynamic seamless look. For all LB components go to longboardproducts.com.

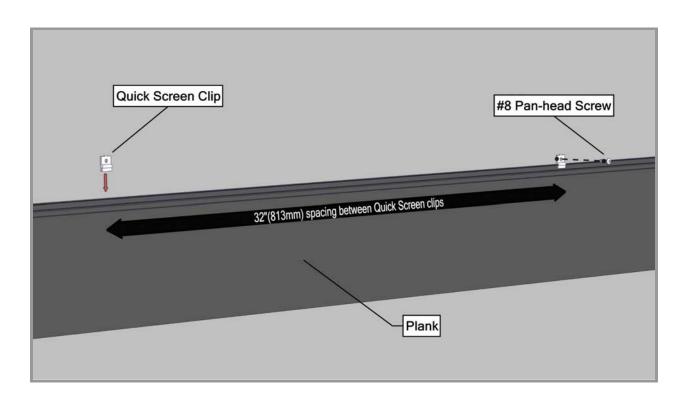


Installation considerations

- Longboard system typical dimensions: Planks and components total depth Planks Curved walls: (tighter radii contact Longboard)
- 9/16" (15mm) - 1/2" (12mm) - 15' (4.6m) min radius
- Longboard Products are not recommended for use on marine applications in direct contact with salt water.
- Longboard Cladding is to be installed outboard of a weather resistant barrier, including all flashings, following code and building requirements.

Install techniques/tips/details

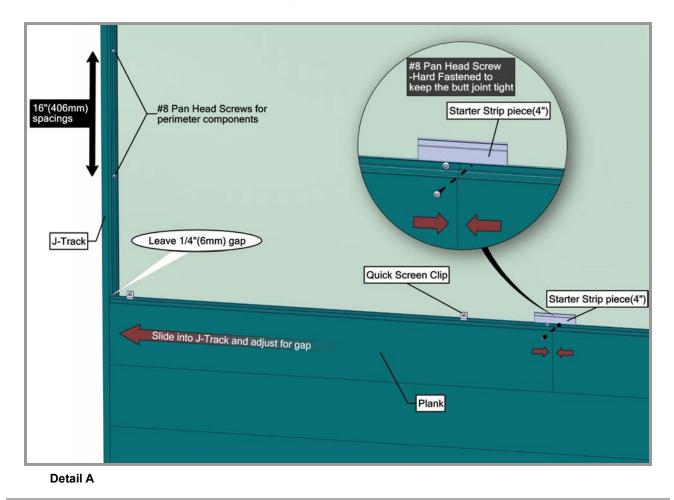
- It is good practice to leave a 1/4" (6mm) gap between every 2nd perimeter component joint or 24' (7.3m) to allow for expansion & contraction. Consider the joints where components meet each other to dictate which component is installed first (eg: right angle butt joints, mitered joints etc.).
- Quick-Screen Clips allow for free movement of the planks, to expand & contract during thermal changes.



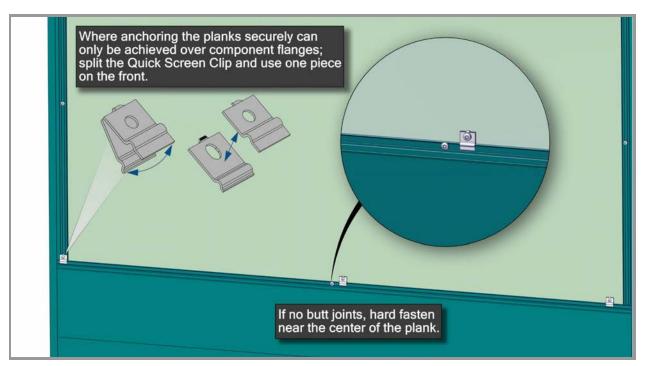
- A BUTT-JOINTS. When installing staggered butt-joints, hard-fasten the two planks at the butt-joint to ensure joints do not open up (See Detail A, B & C). Fasteners should be anchored into a solid secure framing member, blocking, furring strip or backer plate, etc.
- If needed, use touch-up paint pens (purchased separately) to finish the ends of the two (2) planks at the butt-joint.
- DO NOT install more than one (1) butt-joint between two components
- DO NOT hard-fasten a plank to a component trim (except Precision outside corner), 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.
- *When using the Precision Outside Corner, miter the end of the Planks to fit tight to the Corner. Secure by hard fastening at the mitered end into the flange of the Corner to ensure joints do not open up.
- Butt-joints are not permitted when using the Precision Components, and components should be installed every 6' 8" (2m) max.
- DO NOT hard-fasten more than one (1) location per plank.
- Fasten only:

Situation	Location
No butt-joints:	-Center of planks
Butt-joints:	-At the joints

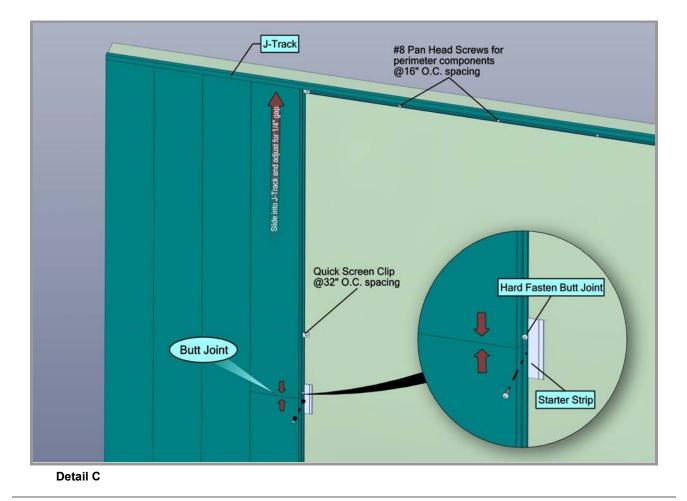
*Precision Outside Corner w/no butt joints: -At the Corner



Tongue and Groove Cladding Installation Guide



Detail B



Tongue and Groove Cladding Installation Guide T&G_IG_REV01

<u>Cutting</u>

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

Cut planks using specified Miter Saw to terminate to accurately measured distances between components and subsequent planks allowing for expansion & contraction. Trim the taped/drilled ends of all stock length material by at least 1/2" (12mm) each end and discard.



Fastening

Perimeter components should be hard-fastened every **16**" (**406mm**) **O.C.** directly through the flange using #8 pan-head screws(supplied by others). These components should be fastened within **8**" (**203mm**) of the end for secure fastening. Self-drilling screws are recommended in this application for ease of installation.

Planks & starter components are secured using Longboard Quick-Screen Clips fastened to the substrate every 32" (813mm) O.C. using #8 pan-head screws(supplied by others). The Quick-Screen Clips are included in the order for 32" (813mm) spacings.

All fasteners should be suitable for exterior use and be compatible with the substrate type. See Appendix for project specific fastener spacing: Quick Screen Clip - Wind Load tables

Framing requirements

Always consult the local building authority and follow local building code requirements. The Longboard T&G Cladding system typically weighs approx. 1.5lbs/sq.ft.

Traditional stud wall, framed at 16" (406mm) O.C, exterior wall sheathing or furring strips and weather resistant barrier (wrb) is required. If furring strips are used: install at 16" (406mm) O.C.

Provide solid secure framing and/or blocking at 16" (406mm) O.C. for material support running perpendicular to the plank orientation for vertical cladding applications. The Longboard components are attached at 32" (813mm) O.C. (standard requirements). Where reveal trims are used; ensure all components land on a stud, blocking or 5/8" (16mm) wood sheathing is used.

For metal framing requirements; 20ga is minimum (see **Appendix** for details), galvanized steel framing at 16" (406mm) O.C. , exterior wall sheathing and wrb.

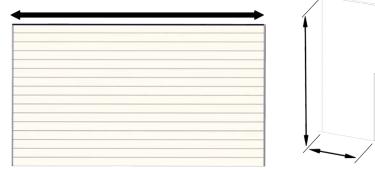
For CMU or concrete wrb, wood or metal furring strips, see above and Appendix for details.

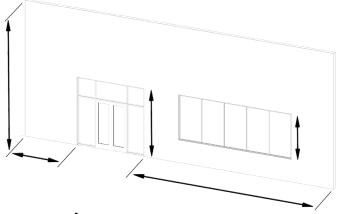
System layout

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 (Traditional Components used for illustrative purposes). The same methodology applies for vertical installations.

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

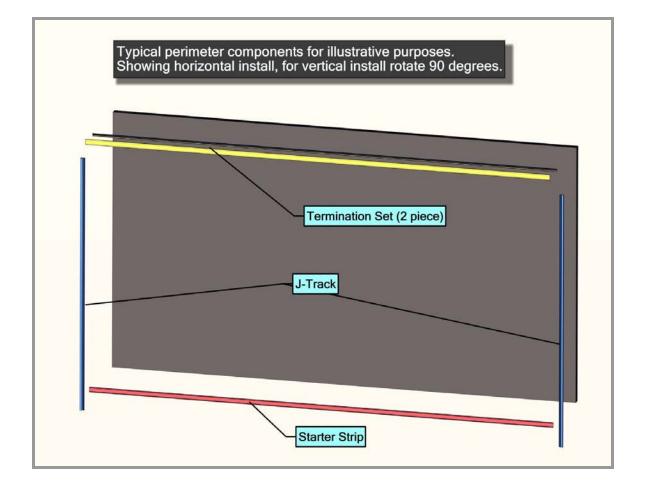




Runs up to 40' length with staggered butt-joints

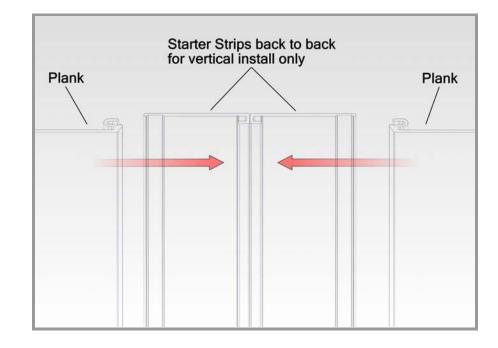
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Runs greater than 40' length, use a Reveal set to divide field areas.

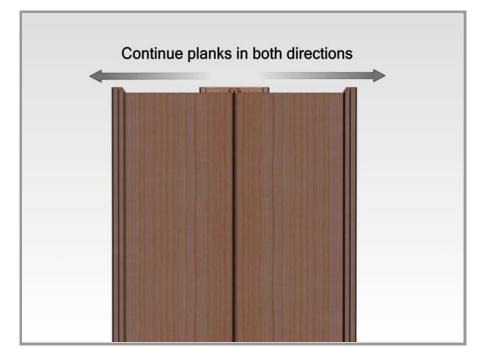


J-Track/Two	Piece J-Track
Туре:	J-Track or Two Piece J-Track
Location:	Perpendicular to Planks (eg: sides of windows and doors), along gable end walls, other angled conditions, window/door headers and other penetrations.
Details:	Notch the flange at the ends where they meet corner components.
Termination	Set
Туре:	Termination Set
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.
Starter/Start	er J-Track
Туре:	Starter or Starter J-Track
Location:	Typically along the bottom of the wall(s) for horizontal installs or starting at one side for vertical installs (two starter strips can go back to back in the center of an area to even out planks).
Details:	Can go back to back for vertical installs at the center of each cladding area for equal width end

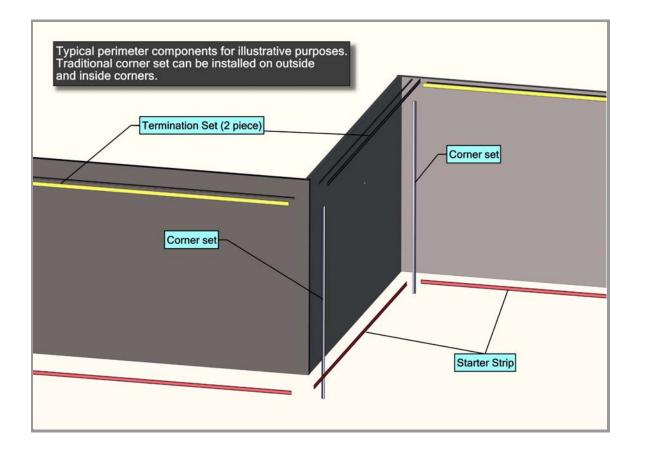
Tongue and Groove Cladding Installation Guide T&G_IG_REV01



For vertical installs only, install Starter strips back to back then connect the first plank on both sides.



Install vertical back to back Starter strips in the center of wall areas for even layout and symmetry. Continue the planks to the termination end of the install.



Corners

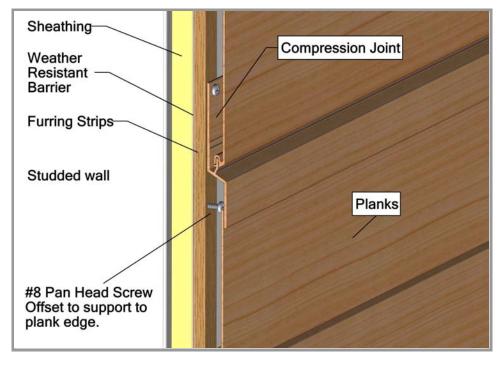
Type: Location: Details: The Traditional Corner Set (2 piece system).

Inside & outside corners of the area of application.

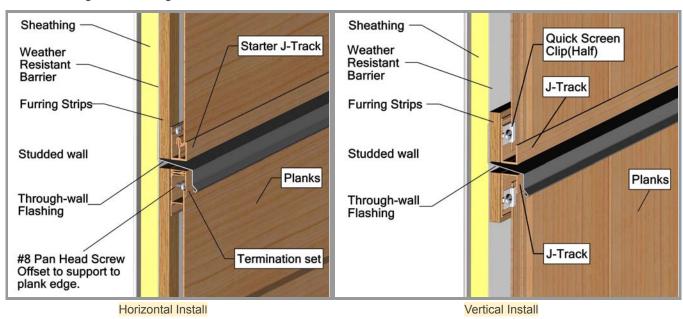
ils: Typical corner set, also recommended for vertical cladding installs.

Install field components -Floor elevation

Compression Joint

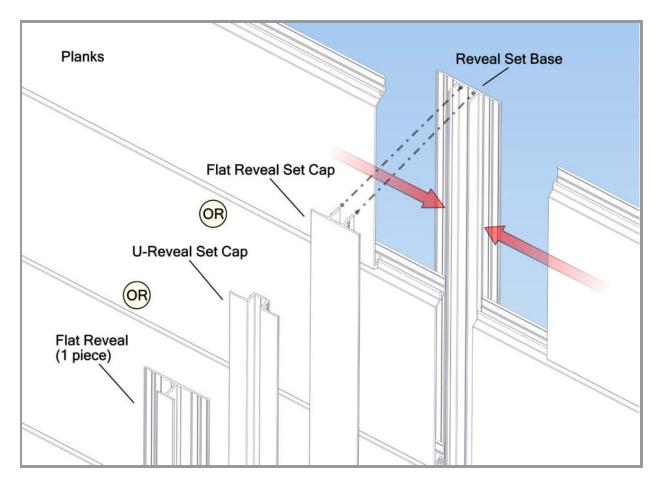


Floor elevation	
Туре:	Compression Joint, Termination set/Starter J-Track, J-Track back to back.
Location:	Typically at every floor elevation and where through-wall flashing is required.
Details:	Note the orientation of planks for through-wall flashing install.



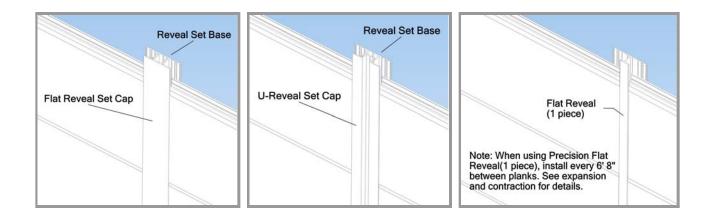
Through-wall Flashing

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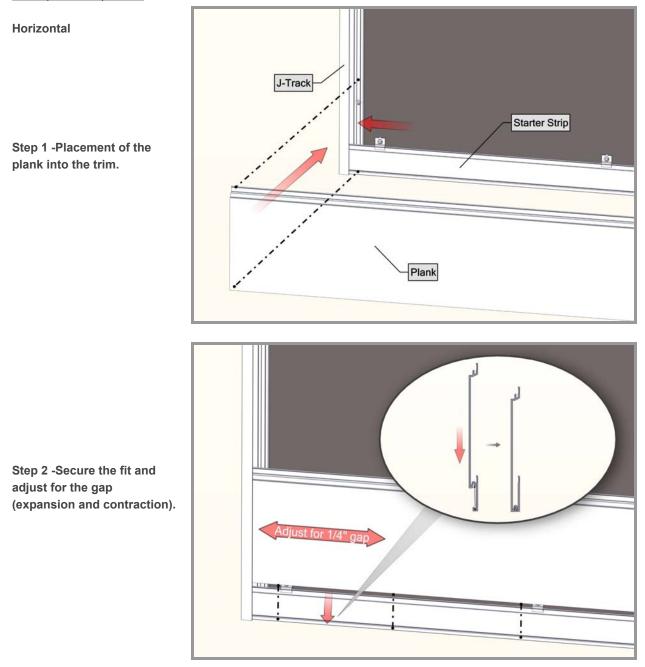


Expansion Reveal (Typical)

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.



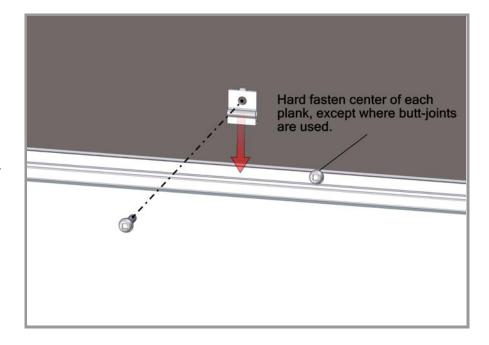
Tongue and Groove Cladding Installation Guide T&G_IG_REV01

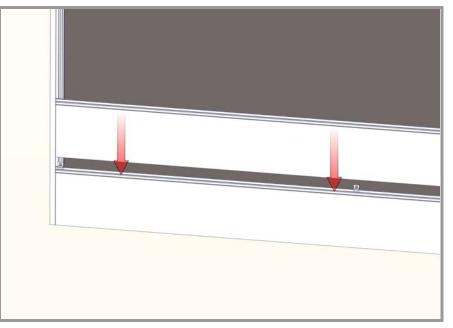


Planks

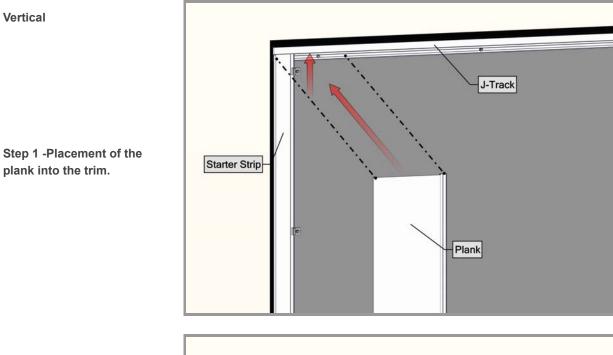
Type: Location: Details: V-groove, Channel, Smooth plank.

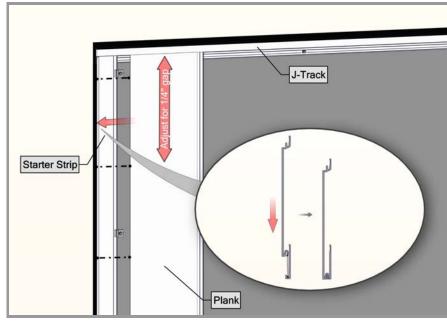
Starting the first row of planks, engaging with the tongue of the Starter or Starter J-Track. Check for a level installation, shim Quick-Screen Clips where needed to correct any substrate inconsistencies. It is good practice to check your installation every 2-3 rows for level/plumb and flat/straight, for best results. Step 3 - Install Quick Screen Clips every 32"(813mm) O.C. spacing to secure the top of the planks. Hard fasten only one point at the center of each plank, except where butt-joints are used. See Install techniques for Hard fastening tips.





Step 4 - Install planks as needed. Review install techniques for further details and tips. Vertical



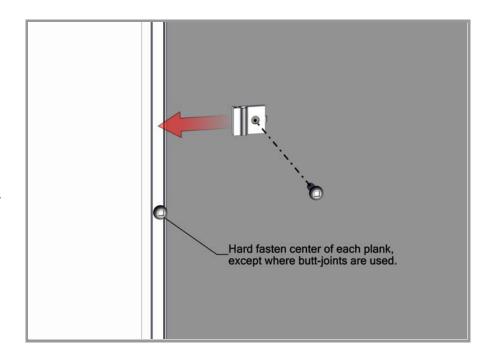


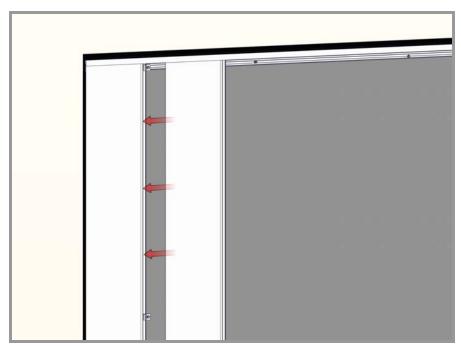
Step 2 -Secure the fit and adjust for the gap (expansion and contraction).

Planks

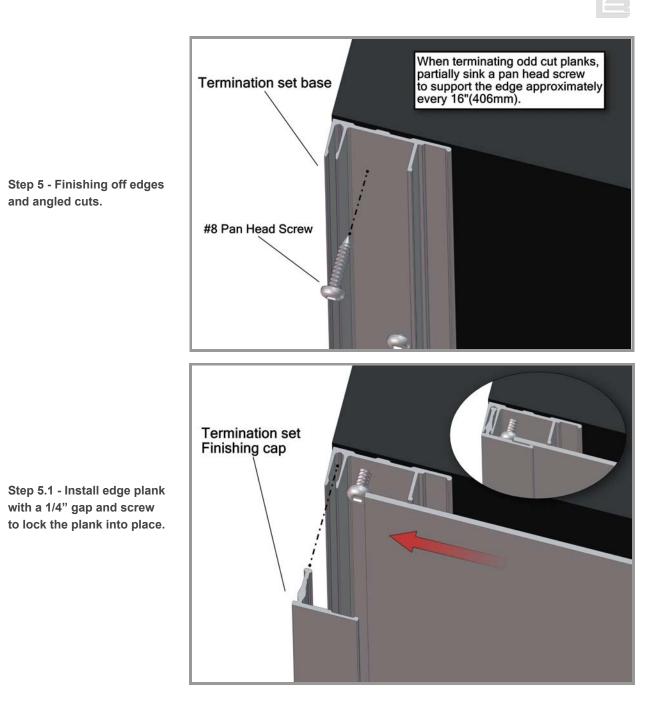
Туре:	V-groove, Channel, Smooth plank.
Location:	Starting the first row of planks, engaging with the tongue of the Starter or Starter J-Track.
Details:	Check for a level installation, shim Quick-Screen Clips where needed to correct any
	substrate inconsistencies. It is good practice to check your installation every 2-3 rows for
	level/plumb and flat/straight, for best results.

Step 3 -Install Quick Screen Clips every 32"(813mm) O.C. spacing to secure the top of the planks. Hard fasten only one point at the center of each plank, except where butt-joints are used. See Install techniques for hard fastening tips.





Step 4 -Install planks as needed. Review install techniques for further details and tips.





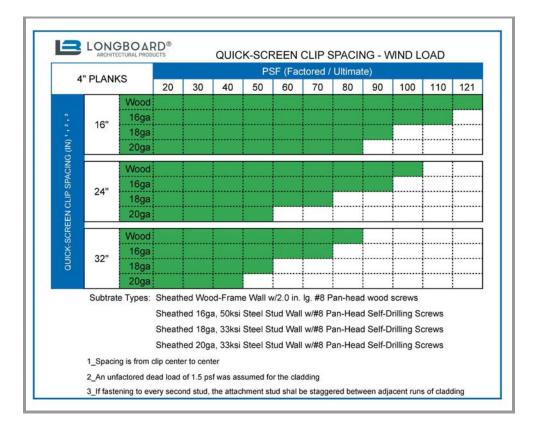
Component C	aps
Туре:	Caps are the finishing piece of the 2 piece component sets.
Location:	Installed onto the base of the 2 piece set.
Details:	If required, use a rubber mallet or hammer and block to protect the finish during this
	process.

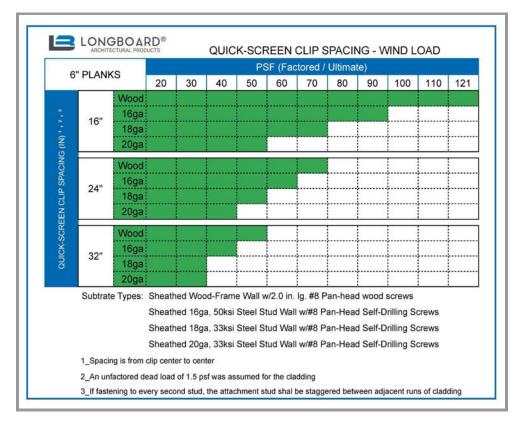
Appendix

IF.

DLI	E 1 - IIV	/IPERIAL	•		AVERA	GE TEMPE	RATURE A	T TIME OF	CUTTING	& INSTALL	ATION		
		°C	-50	-40	-30	-20	-10	0	10	20	30	40	50
		°F	-58	-40	-22	-4	14	32	50	68	86	104	122
<u>a</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
z	-40	-40	0.003	0.000	-0.003	-0.005	-0.008	-0.011	-0.014	-0.016	-0.019	-0.022	-0.024
Ë	-30	-22	0.005	0.003	0.000	-0.003	-0.005	-0.008	-0.011	-0.014	-0.016	-0.019	-0.022
ž	-20	-4	0.008	0.005	0.003	0.000	-0.003	-0.005	-0.008	-0.011	-0.014	-0.016	-0.019
ISI	-10	14	0.011	0.008	0.005	0.003	0.000	-0.003	-0.005	-0.008	-0.011	-0.014	-0.016
ទ	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
2	20	68	0.019	0.016	0.014	0.011	0.008	0.005	0.003	0.000	-0.003	-0.005	-0.008
ξ.	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
2	10												
BLI	50	122 IETRIC	0.027	0.024	0.022	0.019	0.016	0.014	0.011	0.008	0.005	0.003	0.000
- [50	122 ETRIC	0.027	-40	AVERA -30	GE TEMPE	RATURE A	T TIME OF	CUTTING	& INSTALL 20	ATION 30	40	50
BLI	50 E 2 - M	122 IETRIC °C °F	0.027		AVERA	GE TEMPE -20 -4	RATURE A -10 14	T TIME OF 0 32	CUTTING 10 50	& INSTALL 20 68	ATION		
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	& INSTALL 20 68 1ETER)	ATION 30 86	<u>40</u> 104	50 122
BLI	50 E 2 - M ° C -50	122 ETRIC °C °F -58	0.027 -50 -58 0.000	-40 -40	AVERA -30 -22 -0.460	-20 -4 EXPAN -0.690	RATURE A -10 14 ISION OR C -0.920	T TIME OF 0 32 ONTRACT -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	AGE TEMPE -20 -4 EXPAN -0.690 -0.460	RATURE A -10 14 ISION OR C -0.920 -0.690	T TIME OF 0 32 ONTRACT -1.150 -0.920	CUTTING 10 50 ION (MM/M -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 ° C -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	AGE 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 0NTRACT -1.150 -0.920 -0.690	CUTTING 10 50 ON (MM/N -1.380 -1.150 -0.920	& INSTALL 20 68 IETER) -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
BLI	50 E 2 - M ° C -50 -40	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	AGE 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 0NTRACT -1.150 -0.920 -0.690 -0.460	CUTTING 10 50 ON (MM/N -1.380 -1.150 -0.920 -0.690	& INSTALL 20 68 IETER) -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
BLI	50 E 2 - M °C -50 -40 -30 -20	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	AGE 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 0NTRACT -1.150 -0.920 -0.690	CUTTING 10 50 ON (MM/N -1.380 -1.150 -0.920	& INSTALL 20 68 IETER) -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
BLI	50 E 2 - M € -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	AGE TEMPE -20 -4 EXPAN -0.690 -0.460 -0.230 0.000 0.230	RATURE A -10 14 SION OR C -0.920 -0.690 -0.460 -0.230 0.000	T TIME OF 0 32 0NTRACT -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
BLI	50 E 2 - M -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	-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	AGE TEMPE -20 -4 EXPAN -0.690 -0.460 -0.230 0.000 0.230 0.460	RATURE A -10 14 ISION OR C -0.920 -0.690 -0.460 -0.230 0.000 0.230	T TIME OF 0 32 0NTRACT -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 -1.610 -1.380 -1.150
BLI	50 E 2 - M -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	AGE TEMPE -20 -4 EXPAN -0.690 -0.460 -0.230 0.000 0.230 0.460 0.690	RATURE 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 0NTRACT -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 IETER) -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 -50 -40 -30 -20 -10 0 10 20	122 ETRIC °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	AGE 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 0NTRACT -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 IETER) -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

Expansion and Contraction Tables

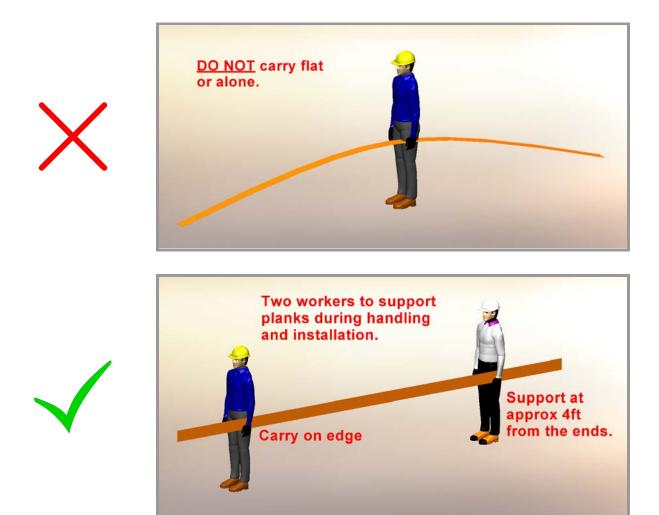




Proper Handling of Longboard Products



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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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.

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