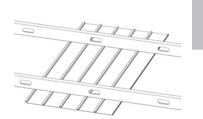
ENDURA CEILING SYSTEM

TYPICAL ISOMETRIC



1. 12' lengths,

20 FT² per box

96 FT² per box

PROFILES

Perforated: (6" profiles available w. Soundtex®)

- V-groove: 2-1/2" 1 2. 12' lengths,
- V-groove: 6" 2.3 48 FT² per box
- Smooth plank: 6" 2, 3 3. 24' lengths,

Non-perforated:

- V-groove: 2-1/2" 1
- V-groove: 2-1/2 • V-groove: 6" 2,3
- Smooth plank: 6" _{2,3}

COMPONENTS - Standard Lengths: 12'

Traditional: Back-to Back Starter, Starter, 1-3/8" two piece J-track, 1-3/8" termination set, 1-1/2" flat reveal set, 1-1/2" U-reveal set, 1-1/2" T&G U-reveal, 2-1/2" V-Groove perforated.

Craftsman: 3/4" U-reveal set, 3/4" T&G U-reveal.

Precision: 5/8" Starter J-track, 5/8" J-track, 5/8" two piece J-track, 5/8" termination set, 1/2" flat reveal, 1/2" T&G flat reveal.

FINISHES

Woodgrains, solid color, naturally aged metal, custom solid color matching (additional lead times apply)

ATTACHMENT

Substrate

T&G Plank

Planks: Quick-screen clips w. #10 Pan Head screws* @ 32" o.c. (standard). Quick-screen clips included: 135 pcs/4" box, 90 pcs/6" box. Trims: hard fasten w. #10 Pan Head screws @ 16" o.c. Screws not included.

BIM & CAD

RVT & DWG files available, see website for details

LEAD TIME

Most Popular Finishes -ready to ship within 1 week Additional Finishes -ready to ship within 14 weeks



info@longboardproducts.com longboardproducts.com 800 604 0343

TECHNICAL SPECIFICATIONS

PHYSICAL DATA

∽ 2-1/2" V

S 4"V

5 6"C

S 6"S

5 6"V

6063-T5 Extruded Aluminum 100% Recyclable Warranty: Finish:15 year (standard)/20 year* (ultra) (*10 week lead time); Aluminum: 50 year Weight (lbs/sqft): ~1.5 2-1/2" Perforated Planks provide 15% open area 6" Perforated Planks provide 21% open area

TESTING

 ICC-ESR 4182 Evaluation Report - Division: 07 00 00 Thermal and Moisture Protection Section: 07 46 00 - Siding
 CAN/ULC S102
 CAN/ULC S114

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

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



2

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

Acoustical Rating with insulation: NRC up to 0.95



Light reflectance (LRV): Up to 73.2% (Ultra White)



Endura Linear Ceilings

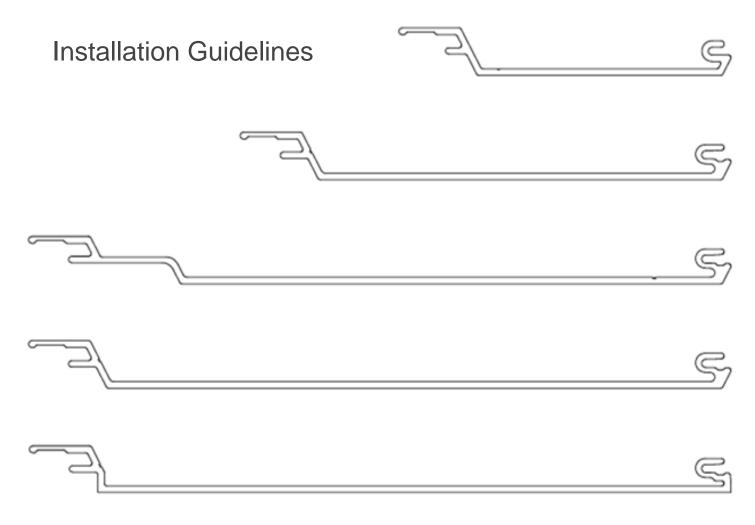


Table of Contents

Material S	pecifications	3
F	inishes	3
E	xpansion and contraction	3
N	laterial ordering and deliveries	3
S	torage and handling	3
С	leaning	4
V	/arranty	4
G	raffiti removal	4
Compone	nts	5
С	omponents (Typical)	5
Tools/Cut	ting/Fastening	6
Т	ools	6
С	utting	6
F	astening/Fastener types	7
F	raming/Furring requirements	7
F	astening options onto exterior insulation	8
A	coustical Performance	8
System In	stall	9
Р	erimeter and field area limitations & venting	9
С	omponent layout	10
	J-Track	10
	Flat Reveal	10
	Starter Strip	10
	Back-to Back Starter	10
	Termination Set	10
Ir	stall Steps	11
	Parallel to the building	11
	Perpendicular to the building	12
	Final Steps	13
D	etails	14
	Single Butt-Joints	14-15
	Multiple Floating Butt-Joints	16
Appendix		17
Т	ables 1&2 - Expansion & contraction	17
Т	ables 3 – Fastening to Structure	18
Т	ables 4-6 – Fastening to Sheathing	19-21
R	adius table	22
Н	andling and care of products	23
	ontact Info	24

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 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 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 perpendicular to planks every:

• 24' (7.3m) max¹ Perpendicular to Planks: Traditional Flat Reveal, U-Reveal Set

¹Note: 40' (12.2m) max if using staggered butt-joints.

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" 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 Components are sold individually by the 12' (3.7m) length.
•	Shipping:	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.

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: <u>longboardproducts.com/warranty</u> \triangle 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)

Endura Linear Ceiling 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>.

	ove Plan	K5 48 sq.	ft. box quantities 🕈 96 so	ą. ft. box quantities					
ize	12' *	24'*	12' Perf *	24' Perf *			1000		12
1/2"	3V.145	-	3VP.145	-			100	-	
•	4V.145	4V.289	-					-	1
"	6V.145	6V.289	6VP.145	6VP.289		Butt-Joint			1000
						Fastening Kit	and the second	and the second s	
1001	th Plank	S				1	2		-
ze	12'*	24'*	12' Perf*	24' Perf *			V-Gibove	Channel	Smooth
,	6PSP.145	6PSP.289	6PSPP.145	6PSPP.289		3	Planks	Planks	Planks
nann	nel Plank		Accessori	es		Quick-Screen Clip			
ze	12' *	24'*	Product		Qty	SKU			
	6CH.145	6CH.289	Quick Screen Clip		1750, box	CLIP.N1750	Precision	Traditional	Traditional
			Quick Screen Clip	DS	100, bag	CLIP.N100	Starter J-Track	Starter Strip	Back-to-Back Starter Strip
			1/16" U-SHIM		250, bag	SHIM.1001			Starter Sulp
			Butt-Joint Fasten Touch Up Pens Reach out to confi account manager.		20 kits, bag N/A	tgbjk i t Tup			
im C	Compon Style		oduct		Dimensions	SKU	Precision J-Track	Craftsman J-Track	Craftsman Two Piece
rter			arter J-Track		(5/8") - 12'	1SJT.145			J-Track
rter			arter Strip		(1-7/8") - 12'	2SS.145	///		
rter			arter Strip ack-to-Back Starter S	trin	(1-7/8") - 12	255.145 2BTBSS.145			
				er ile		1X1JT.145			
ack			vo Piece J-Track		(5/8") - 12'		Precision		-
ack ack			Track		(5/8") - 12' (7/8") - 12'	1JT.145 JT23.145	Outside	Craftsman Inside Corner	Craftsman Outside
ack			vo Piece J-Track		(7/8") - 12'	JT235.145	Corner		Corner
ack			vo Piece J-Track		(1-3/8") - 12	1X2JT.145		ALC: NO	
ner			utside Corner		(3/16") - 12'	050C.145		1 前見第	
ner			side Corner		(3/4") - 12'	1IC.145		A LAND	
ner			utside Corner		(1") - 12'	10C.145	Traditional	Traditional	Precision
ner			orner Set		(2") - 12'	2CORS.145	3" Smooth Corner	3" V Groove Corner	Flat Reveal
mer			Smooth		(3") - 24	3SCP.289			
mer			V-Groove		(3") - 24'	3SVP.289			
/eal			at Reveal		(1/2") - 12'	1FR.145			
/eal	Prec	ision Ta	G Flat Reveal		(1/2") - 24'	1TGFR.289	Craftsman	Craftsman	Traditional
veal	Craf	tsman U-	-Reveal Set		(3/4") - 12'	1URS.145	U-Reveal Set	T&G U-Reveal	U-Reveal Set
veal			&G U-Reveal		(3/4) - 24'	1TGURK.289			
/eal	Trad	itional U	-Reveal Set		(1-1/2") - 12'	2URS.145			
/eal	Trad	itional Fl	at Reveal Set		(1-1/2") - 12'	2FRS.145	Sec.		
/eal			&G U-Reveal		(11/2") - 24'	2TGURK.289			
/eal	Trad	itional O	ffset Flat Reveal Set, .	J-Track Base	(2") - 12'	20FFJ.145	Traditional	Traditional Offset	Traditional Offset
veal	Trad	itional O	ffset Flat Reveal Set,	Termination Base	(2") - 12'	20FFT.145	T&G U-Reveal	Flat Reveal Set, J-Track Base	Flat Reveal Set, Termination Base
rminat	tion Prec	ision Te	ermination Set		(5/8") - 12'	1TS.145			
rminat	tion Craf	tsman Te	ermination Set		(7/8") - 12'	TS23S.145			
rminat	tion Trad	itional Te	ermination Set		(1-3/8") - 12'	2TS.145		100	
ompres	ssion Trad	itional C	ompression Joint		(1-3/8") - 24'	2CJ.289	Crafteman	Traditional	Traditional
res	ssion Irad	inional Ci	ompression Joint		(1=3/0) = 24'	201.209	Craftsman Termination Set	Traditional Termination Set	Traditional Compression Joint

Tools

Commonly used tools for 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	and the second s	*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.



Planks with Soundtex®

*During mechanical-thermal processing (e.g. grinding, cutting), irritant (fibre) dusts and traces of irritant volatile components may possibly be released. In these cases, vacuum equipment should be present or at least proper ventilation should be implemented.

Recommended PPE:

- Respiratory protection: the use of a respirator is recommended
- Hand protection: wearing of protective gloves is recommended
- Eye protection: wearing of safety glasses is recommended
- Skin protection: avoidance of intense skin contact is recommended *Ref. TSIS -page 2, #8

Fastening

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

Typical spacing: -using **#10 Fasteners**

Trim components including Starter Strip

- 16" (406mm) O.C.
- 24" (610mm) O.C. (for direct to truss)

Planks

Standard wind loads

• 32" (813mm) O.C.

Higher wind loads

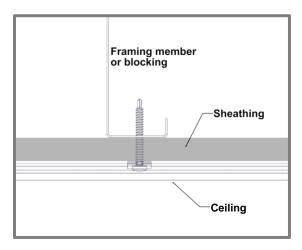
• 16" (406mm) O.C.

See Appendix for fastening specs: Tables 3-6

Framing/Furring requirements

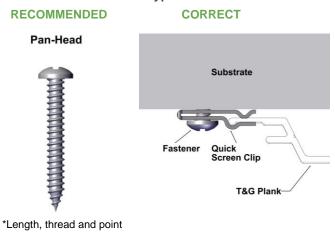
Always consult the local building authority and follow local building code requirements. When attaching to **Hitch Cladding attachment System** refer to Hitch Install Guide for requirements.

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



Fastening to Structure (see Table 3 for specs)

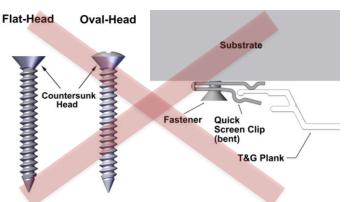
Fastener types

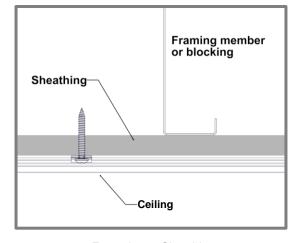


*Length, thread and point to suit substrate

DO NOT USE

INCORRECT



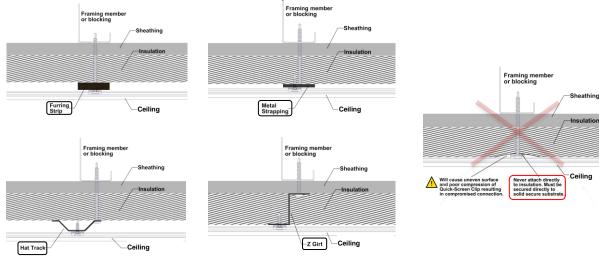


Fastening to Sheathing (see Tables 4-6 for specs)

Endura Linear Ceilings Installation Guide

Fastening options onto exterior insulation

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



Acoustical Performance

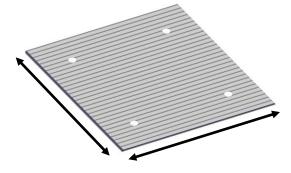
Metal Linear Ceilings -Closed Joint Systems	Backer (Insulation)	NRC	SAA
PROVIDED E	BY LONGBOARD		
2-1/2" Perforated Plank	No Backer	0.05	0.03
6" V-Groove Plank	No Backer	0.15	0.12
6" Perforated Plank	Soundtex [®]	0.75	0.75
LONGBOARD PLANKS WITH	BACKER PROVIDED BY	OTHE	RS
2-1/2" Perforated Plank	Fiberglass 1" thickness @ 3lbs/ft3	0.70	0.72
6" V-Groove Plank	Fiberglass 1" thickness @ 3lbs/ft3	0.10	0.11
6" Perforated Plank	Fiberglass 1" thickness @ 3lbs/ft3	0.70	0.70
6" Perforated Plank	Fiberglass 2" thickness @ 3lbs/ft3	0.95	0.96

The test reported in this document conformed explicitly with ASTM C423-17 "Standard Test Method for Sound Absorption and Sound Absorption Coefficients by the Reverberation Room Method."

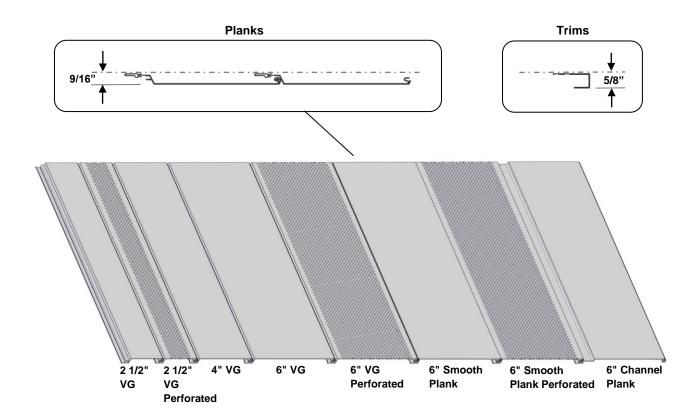
System Install

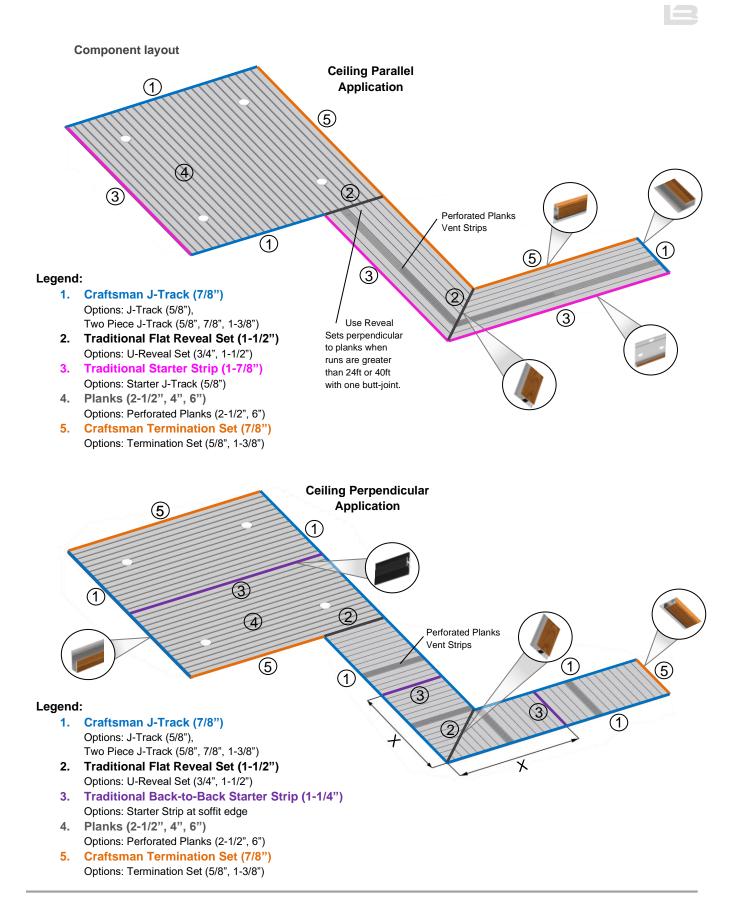
Perimeter and field area limitations & venting

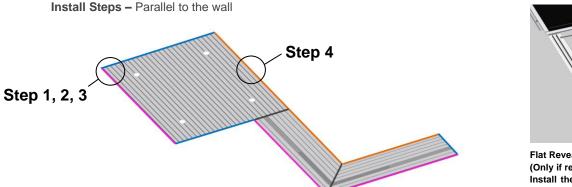
- Measure and layout your ceiling area to consider plank & component alignment with fixtures, penetrations, and adjacent walls and edges, for desired appearance. Consider using butt-joints along runs to minimize waste.
- Longboard system typical dimensions:
 - Planks width Perforated Planks width Planks 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)

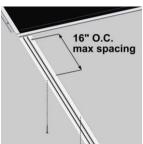


Perforated Planks	NFA (open area)	Hole size(mm)	Lengths
2 1/2" V-Groove	15%	3	12'
6" V-Groove	21%	3	12'/24'
6" Smooth Plank	21%	3	12;/24'

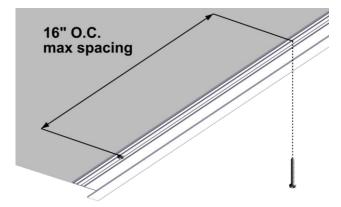


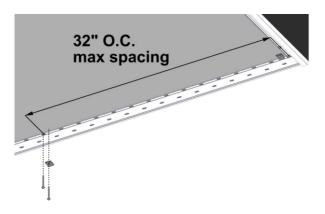






Flat Reveal (Only if required for long runs) Install the Flat Reveal Set base at the desired plank lengths.



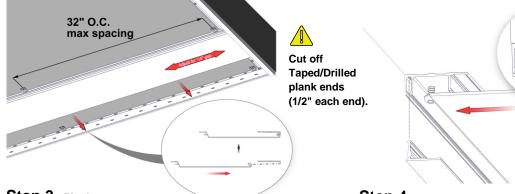


Step 1 - J-Track

Install J-Track or Two-Piece J-Track perpendicular to Planks (e.g.: sides of ceiling areas), or around penetrations or cutouts. Fasten every 16" O.C. with #10 Pan Head Screws. Trims can be mitered for a clean corner look.

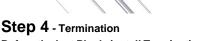
Step 2 - Starter Strip

Install the Starter Strip along the edge of the ceiling(s), fastening every 32" O.C. max with Quick Screen Clips & #10 Pan Head Screws. Notch the Starter J-Track to suit the trim component if required.



Step 3 - Planks

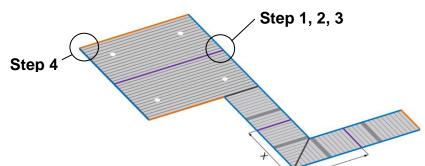
Place the planks onto the tongue of the Starter Strip, fully engaging tongue. Fasten with Quick Screen Clips & #10 Pan Head Screws @32" O.C. max spacing (See Tables 3-6 for fastening requirements). Hard fasten only one point preferably near the center of each plank. It is good practice to check your installation every 2-3 rows for level/plumb and flat or straight, for best results. Ensure there is sufficient room for expansion & contraction, also confirming component caps will cover.

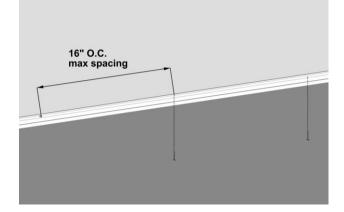


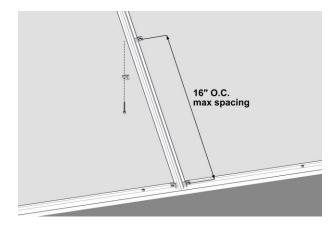
Before the last Plank, install Termination Set base fastening 16" O.C. typ.

Confirm the trim component caps will cover the last Plank and adjust accordingly. Where terminating cut planks, provide a positive stop approximately every 16" (406mm). Finish off the trims with caps from two-piece sets.

Install Steps - Perpendicular to the wall

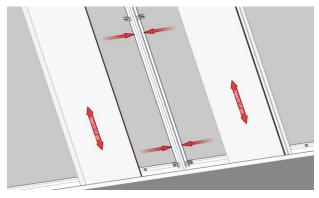






Step 1 - J-Track

Install J-Track or Two-Piece J-Track perpendicular to Planks (e.g.: sides of ceiling areas), or around penetrations or cutouts. Fasten every 16" O.C. with #10 Pan Head Screws. Trims can be mitered for a clean corner look.

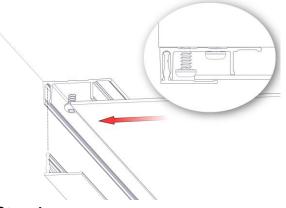


Step 3 - Planks (1/2" each end).

Place the planks onto the tongue of the Back-to-Back Starter, fully engaging tongue. Fasten with Quick Screen Clips & #10 Pan Head Screws @32" O.C. max spacing (See Tables 3-6 for fastening req.). Hard fasten only one point preferably near the center of each plank. 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 & contraction, also confirming component caps will cover.

Step 2 - Back-to-Back Starter

Install the Back-to-Back Starter at the center of areas to achieve equal width ends. Fasten both sides every 16" O.C. max with Quick Screen Clips & #10 Pan Head Screws. Alternatively, use Starter Strip at the edge of the ceiling(s).



Step 4 - Termination

Before the last Plank, install Termination Set base fastening 16" O.C. typ.

Confirm the trim component caps will cover the last Plank and adjust accordingly to the suit the profile. Where terminating cut planks, provide a positive stop approximately every 16" (406mm).

When all Planks are installed finish off the trims with caps from two-piece sets.



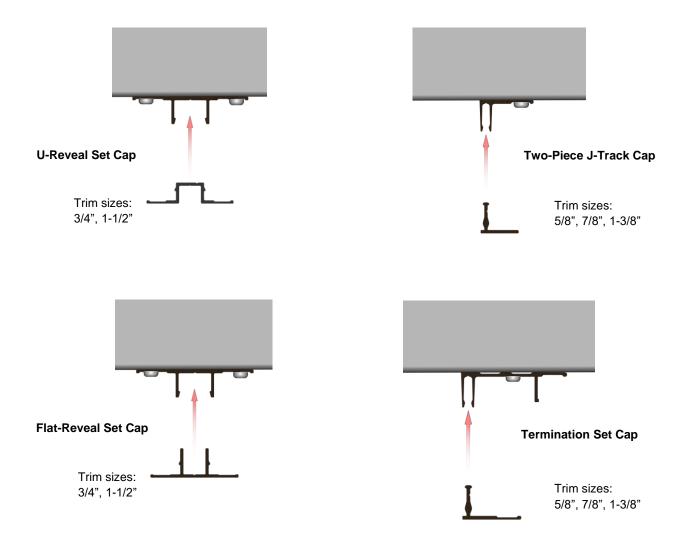
Finishing Steps - Once planks are installed, finish off the perimeter trims with caps from two-piece sets.

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.



Details

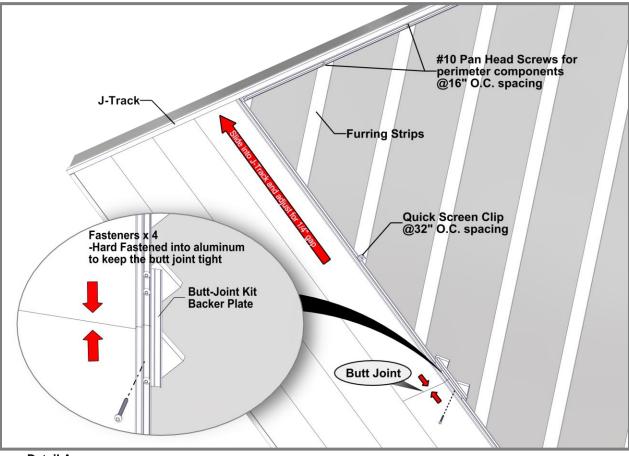
Single Butt-Joints

- 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)

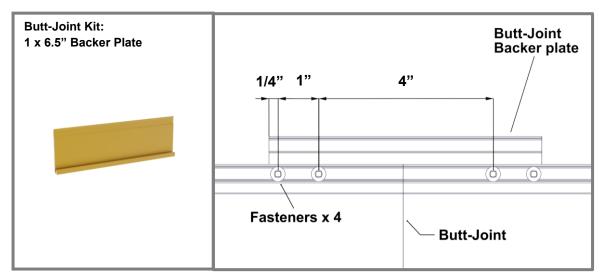
Fasteners should be placed at the uppermost location of the plank flange, to not interfere with the next plank engaging the tongue and groove properly. At the butt-joint, fasteners should be anchored into the Butt-Joint backer plate.

(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.



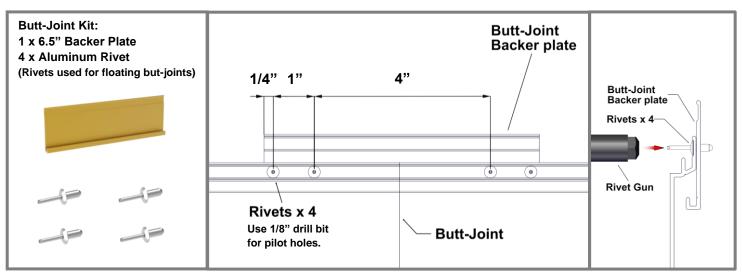
Detail A



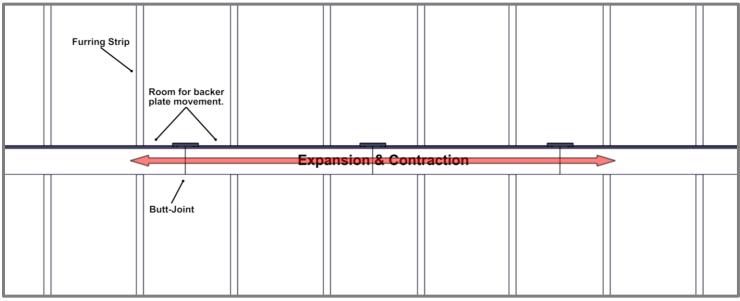
Detail B -Backer Plate (Hard Fastened)

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 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. (See Detail D)
- 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



Detail D -Butt-Joint Movement

Appendix

Expansion and Contraction Tables

BLI	E 1 - IN				AVERA	GE LEWPE	RATUREA	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
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
Ê	-30	-22	0.005	0.003	0.000	-0.003	-0.005	-0.008	-0.011	-0.014	-0.016	-0.019	-0.022
22 2	-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
ŝ	0	32	0.014	0.011	0.008	0.005	0.003	0.000	-0.003	-0.005	-0.008	-0.011	-0.014
ST	10	50	0.016	0.014	0.011	0.008	0.005	0.003	0.000	-0.003	-0.005	-0.008	-0.011
B	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
Z	40	104	0.024			10	- C.						
MIN/MAX POST	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					0.016 RATURE A -10					0.003	0.000
	50	122	0.027	0.024	AVERA		RATURE A	T TIME OF	CUTTING	& INSTALL	ATION		
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 ONTRACTI	CUTTING 10 50 ON (MM/N	& INSTALL 20 68 1ETER)	ATION 30 86	40 104	
BLI	50 E 2 - M ° C -50	122 ETRIC °C °F -58	50 58	-40 -40 -0.230	AVERA -30 -22 -0.460	GE TEMPE -20 -4 EXPAN -0.690	RATURE A -10 14 SION 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 -2.070
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
BLI	50 E 2 - M ■ -50 -40 -30	122 ETRIC °C °F -58 -40 -22	-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 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 [◦] C -50 -40 -30 -20	122 ETRIC [°] C [°] F -58 -40 -22 -4	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 0NTRACTI -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 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	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 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	 50 E 2 - M C -50 -40 -30 -20 -10 0 	122 ETRIC °C °F -58 -40 -22 -4 14 32	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 SION 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 -1.610 -1.380 -1.150 -0.920
BLI	50 E 2 - M [◦] C -50 -40 -30 -20 -10 0 10	122 ETRIC °C °F -58 -40 -22 -4 14 32 50	-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 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 -0.690
	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	-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

Table 3 - Fastener to Structure

						PSF (Fa	ctored /	Ultimate)			
T&G PLANKS	l.	20	30	40	50	60	70	80	90	100	110	120
	16"											
QUICK-SCREEN CLIP SPACING (IN)	24"											
SPACING (IN)	32"							1				
Plank Profiles: V-Groove (2		6") Smov	oth (6") (bannol (f		idina (6")	Board 8	Batton Si	idina (7")			
	-1/2,4,	0), Sillo	500 (O), C									
TRIM COMPONEN	ITS*	20	30	40	50	60 FSF	70	Ultimate 80	90	100	110	12
	16"	20	00	40	00	00	10	00	30	100	110	12
Soffit direct to truss	24"											
*Starter Strip requires Two		ation and	horo at or	ab factor	or logatic	n: 1 Ouio	k Saraan		uid Boint			
Starter Strip requires 1wo	(2) 115tan		nuisatea	ich laster	iei iocalic		K-Scieen	•		using L/18		tion lin
										y		
SUBSTRATE TYPE	S	JBSTRA	TE REQU	IREMEN	TS	алсно	R DESC	RIPTION	MI EMBEI	N. DMENT	MIN. I DIST.	EDGE ANCE
WOOD		Min. specif	fic gravity =	= 0.55 woo	d	#10 F	Pan Head	Screw	1-1	/2"	3.	/4"
STEEL		Min. 1	8 ga., min.	33 ksi.		#10 Te	k Screw (g	grade 5)	penetrat	eads ion past tructure	1.	/2"
CONCRETE**		N	1in. 3000 p	si		3/1	6" ITW Tap	000	1			1"
MASONRY - CMU**	Grout-fil	led block p	per ASTM (C-90, min.	2000 psi	0,11		0001	1		2	2"
<u>GENERAL NOTES:</u>	tud framin				ided, whe			roo rooiting		anable of u	with standin	
1. Adequacy of the structural s transferring applied product loa 2. Substrate shall be designed architect of record for the proje 3. The installation details desc from the requirements detailed 4. An unfactored dead load of <u>INSTALLATION NOTES:</u> 1. One (1) installation anchor i 2. Spacing is from clip/fastene 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	ads to the f l and ancho act of instal ribed herei l herein, a l 1.5 psf was s required r center to nchors per anchors wi stud, the a sociated ha listed belo	oundation red to pro lation. n are gene licensed ers s assumed at each Qu center. the table i thin a toler ttachment ce exclude rdware mu w:	Id/or metal is the resp perly trans eric and ma ngineer or I for the cla uick-Screen is the minin rance of +/ stud shall e wall finish ist be made) and conc onsibility o fer all load ny not refle architect s dding. n Clip locat num numb - 1/2" of th be stagge es, includi	rete/mason f the engin s to the str ct actual c hall prepar tion. Minim her of anch e specifiec red betwee ng but not	nry as a m eer or arch ucture buc onditions fo e site spec um of two ors to be u spacings. en adjacen limited to v	ain wind fo litect of rev k design a or a specif ific docurr (2) anchor (2) a	cord for the ind installat ic site. If sit ients for us rs per plank oduct instal is are not c adding. ings, stucco	project of tion is the r e condition e with this t. lation. umulative	installatior responsibil ns cause in document: from one ir :k veneer, :	n. ty of the en istallation f nstallation	anchor
1. Adequacy of the structural s transferring applied product loa 2. Substrate shall be designed architect of record for the proje 3. The installation details desc from the requirements detailed 4. An unfactored dead load of INSTALLATION NOTES: 1. One (1) installation anchor i 2. Spacing is from clip/fastene 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	ads to the f and anche- set of instal ribed herei herein, a 1.5 psf was s required r center to nchors per anchors wi stud, the a vociated ha listed belo ers for mod el fasteners	oundation ored to pro lation. n are gene icensed er s assumed at each QL center. the table i thin a toler thin a toler thin a toler tachment ce exclude rdware mu w: derate clim s for coasts	d/or metal is the resp perly trans vric and ma ngineer or for the cla uick-Screen is the minin rance of +/ stud shall a wall finish ist be mad ate zones al climate z) and conc onsibility o fer all load y not refle architect s dding. h Clip local num numb - 1/2" of th be stagge les, includi e of corros	rete/mason f the engin s to the str ct actual c hall prepar tion. Minim red of anch e specifiec red betwee ng but not ion resista	Iny as a mineer or arch ucture buc onditions fo e site spec um of two ors to be u spacings. en adjacen limited to w	ain wind fo litect of re- k design a or a specif ific docum (2) anchor (2) an	cord for the ind installat ic site. If sit ic site. If sit ic site. If sit is site site soluct instal soluct instal soluct instal s are not c adding. ngs, stucco corrosion i	project of cion is the r e condition e with this c. lation. umulative , foam, brid resistant co	installatior responsibil ns cause in document from one ir ck veneer, pating. Cor	n. ty of the en istallation f istallation sheathing	angineer ao devia anchor and ener ty

	ARCHITECTORE		FAST	ENER					PACIN	NG - VV	IND LC	DAD
2-1/2" PLANKS	5	20	30	40	50	60	ctored /	80	90	100	110	120
QUICK-SCREEN CLIP	24"											
SPACING (IN)	32"											
Plank Profile: 2-1/2" V-Groov	ve											
TRIM COMPONEN	ITC*					PSF (Fa	ctored /	Ultimate)				
		20	30	40	50	60	70	80	90	100	110	120
	16"											
*Starter Strip requires Two (2) installati	on anchor	s at each i	rastener io	cation: I G	uick-Scree	en Clip + I			are using	L/60 deflec	tion lin
SUBSTRATE TYPE	SUBS	STRATE R	EQUIREN	IENTS	ANC DESCF	HOR RIPTION	MIN. S LEN	CREW IGTH		IN. DMENT	MIN. E DIST/	EDGE ANCE
7/16" OSB/PLYWOOD	AP	A rated she	athing or be	etter		lead Wood rew		1"	7/	16"	1	
record for the project of installat						-		lation is the	•			
2. The installation details descri requirements detailed herein, a 3. An unfactored dead load of 1 INSTALLATION NOTES:	bed herein a licensed eng	gineer or ar	chitect shal	l prepare sit		ns for a spec	cific site. If:	site conditio	ns cause in			
2. The installation details descri requirements detailed herein, a 3. An unfactored dead load of 1	bed herein a licensed eng .5 psf was a required at o	gineer or ar ssumed for each Quick	chitect shal the claddin	l prepare sit g.	le specific d	ns for a spec ocuments fo	cific site. If : r use with t	site conditio his docume	ns cause in			
2. The installation details descri requirements detailed herein, a 3. An unfactored dead load of 1 INSTALLATION NOTES: 1. One (1) installation anchor is	bed herein a licensed eng .5 psf was a required at o center to cei	gineer or ar ssumed for each Quick nter.	chitect shal the claddin -Screen Clij	l prepare sit ıg. p location. M	te specific d Ainimum of t	ns for a spec ocuments fo two (2) anch	cific site. If r use with t lors per pla	site conditio his docume nk.	ns cause in			
 2. The installation details descrirequirements detailed herein, a 3. An unfactored dead load of 1 INSTALLATION 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 better to a & b listed below: a. Zinc plated fastener b. 316 Stainless Ster 6. Installation anchors shall be i 	bed herein a licensed eng .5 psf was a required at o center to cer chors per th nchors within iciated hardw ers for mode el fasteners f nstalled in a	ginëer or ar ssumed for each Quick nter. e table is th n a toleran ware must t orate climat for coastal	chitect shal the claddin -Screen Clij te minimum ce of +/- 1/2 be made of e zones climate zonw with anchor	l prepare sif ig. p location. N number of " of the spe corrosion re es	te specific d Ainimum of f anchors to t cified spacin ssistant mate	ns for a spec occuments fo two (2) anch two (2) anch oe used for p ngs. Toleran erial or have	cific site. If : r use with t ors per pla oroduct inst ces are not a corrosion	site condition his documen nk. allation. cumulative n resistant co	from one in not.	sstallation to Istallation ar Inmon fasten	de∨iate fror nchor to the ier types ca	n the next. n be equ
2. The installation details descri requirements detailed herein, a 3. An unfactored dead load of 1 INSTALLATION 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 better to a & b listed below: a. Zinc plated fastene b. 316 Stainless Stee 6. Installation anchors shall be i	bed herein a licensed eng .5 psf was a required at o center to cer chors per th nchors within iciated hardw ers for mode el fasteners f nstalled in a	ginëer or ar ssumed for each Quick nter. e table is th n a toleran ware must t orate climat for coastal	chitect shal the claddin -Screen Clij te minimum ce of +/- 1/2 be made of e zones climate zonw with anchor	l prepare sif ig. p location. N number of " of the spe corrosion re es	te specific d Ainimum of f anchors to t cified spacin ssistant mate	ns for a spec occuments fo two (2) anch two (2) anch oe used for p ngs. Toleran erial or have	cific site. If : r use with t ors per pla oroduct inst ces are not a corrosion	site condition his documen nk. allation. cumulative n resistant co	from one in not.	sstallation to Istallation ar Inmon fasten	de∨iate fror nchor to the ier types ca	n the next. n be equ
 2. The installation details descrirequirements detailed herein, a 3. An unfactored dead load of 1 INSTALLATION 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 better to a & b listed below: a. Zinc plated fastener b. 316 Stainless Ster 6. Installation anchors shall be i 	bed herein a licensed eng. 5 psf was at required at of center to center to center to center chors per th nchors within icciated hardw ers for mode el fasteners f nstalled in a cified by the	ginëer or ar ssumed for each Quick nter. e table is th n a toleran ware must t orate climat for coastal	chitect shal the claddin -Screen Clij te minimum ce of +/- 1/2 be made of e zones climate zonw with anchor	l prepare sif ig. p location. N number of " of the spe corrosion re es	te specific d Ainimum of f anchors to t cified spacin ssistant mate	ns for a spec occuments fo two (2) anch two (2) anch oe used for p ngs. Toleran erial or have	cific site. If : r use with t ors per pla oroduct inst ces are not a corrosion	site condition his documen nk. allation. cumulative n resistant co	from one in not.	sstallation to Istallation ar Inmon fasten	de∨iate fror nchor to the ier types ca	n the next. n be equ

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

	ARCHITECTURE		FAST		10 11	DOD S						
4" PLANKS						PSF (Fa	ctored / l	Jltimate)				
4 1 244110		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*					· · · ·	ctored / l	· · · · ·				
	4.00	20	30	40	50	60	70	80	90	100	110	120
	16"											
Starter Strip requires Two (2) installati	ion anchor	s at each	fastener lo	cation: 1 C	Quick-Scree	en Clip + 1	Mid-Point	slotted ho	le		
								Ca	lculations	are using i	L/60 deflec	tion limi
SUBSTRATE TYPE	CUR					HOR	MIN. S			N.	MIN	EDGE
			FOUREN	IFNTS								
	3080		EQUIREN	IENTS	DESCF	RIPTION		GTH		DMENT		ANCE
7/16" OSB/PLYWOOD		A rated she			DESCF #10 Pan H	RIPTION	LEN		EMBEI		DIST	
7/16" OSB/PLYWOOD <u>GENERAL 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	AP and anchore tion. bed herein a licensed en .5 psf was a	A rated she d to properi are generic gineer or ar ssumed for	athing or be ly transfer a and may no chitect shal the claddin	etter all loads to ti ot reflect act Il prepare si ag.	DESCF #10 Pan H Sc he structure tual conditio te specific d	RIPTION lead Wood crew buck desigr ns for a spec ocuments fo	LEN 1 a and install cific site. If s	GTH " ation is the site condition his docume	EMBEI 7/* responsibilt	DMENT 16" y of the eng	DIST,	ANCE
GENERAL 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> :	AP and anchore tion. Ibed herein a licensed en .5 psf was a required at	A rated she d to properi are generic gineer or ar ssumed for each Quick	athing or be ly transfer a and may no chitect shal the claddin	etter all loads to ti ot reflect act Il prepare si ag.	DESCF #10 Pan H Sc he structure tual conditio te specific d	RIPTION lead Wood crew buck desigr ns for a spec ocuments fo	LEN 1 a and install cific site. If s	GTH " ation is the site condition his docume	EMBEI 7/* responsibilt	DMENT 16" y of the eng	DIST,	ANCE
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Table 5 - Fastener to Sheathing (4" Planks)

7" Board & B	Siding,					PSF (Fa	ctored / I	Ultimate)				
7 Doard of	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						PSF (Fa	ctored / I	Ultimate)				
	115	20	30	40	50	60	70	80	90	100	110	120
	16"											
*Starter Strip requires Two ((2) installati	ion anchor	's at each f	fastener lo	cation: 1 Q	uick-Scree	en Clip + 1	Mid-Point	slotted ho	le		
											IGO defle	ction limit
								Ca	lculations	are using l	Jou dened	
SUBSTRATE TYPE	SUBS	STRATE R	EQUIREN	IENTS	ANCI DESCR		MIN. S LEN		MI		MIN.	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 of reflect act	DESCR #10 Pan H Sci ne structure ual conditior	IPTION ead Wood rew buck design	LEN	CREW IGTH I" lation is the i	MI EMBEI 7/ responsibilt	N. DMENT 16" y of the eng	MIN. I DIST.	EDGE ANCE I"
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Table 6 - Fastener to Sheathing (6" Planks)

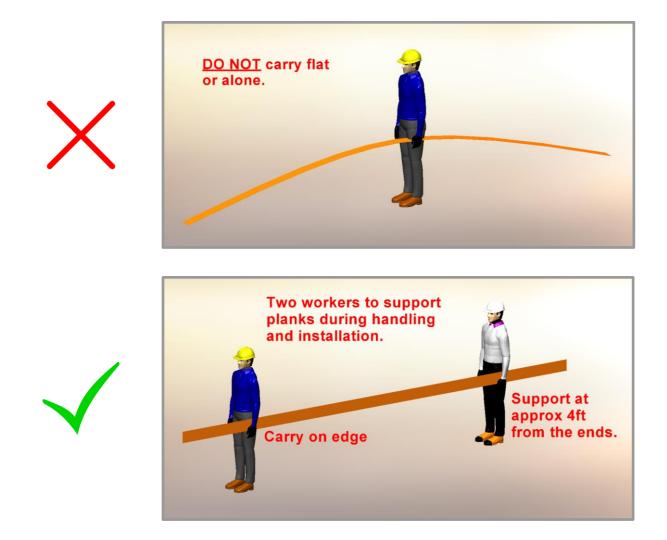


APPLICATION	A -Large Circular	dius Table B -Curved walls	C -Convex	D -Concave
AFFLICATION	A -Large Circular			
DIAGRAMS T&G Radius Info	J-Track	Termination Set	J-Track J-Track	J-Track J-Track
TRIMS		Minimum	Radius	
Non-Tempered Precision J-Track (5/8")	1.5' (0.46m)	N/A	1.5' (0.46m)	2' (0.61m)
Precision 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	n 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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Longboard® is a registered trademark of Longboard Architectural Products Inc.

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.



Tongue & Groove Systems

V-Gro	ove Planks	* 48 sq. ft. b	ox quantities [‡] 96	sq. ft. box quantities
Size	12' *	24' *	12' Perf *	24' Perf *
21⁄2″	3V.145	-	3VP.145	-
4"	4V.145	4V.289	-	-
6″	6V.145	6V.289	6VP.145	6VP.289

LONGBOAR

INSPIRING ARCHITECTURE

®

Smooth Planks

Size	12' *	24′ [‡]	12' Perf *	24' Perf *
6″	6PSP.145	6PSP.289	6PSPP.145	6PSPP.289

Channel Planks

Size	12' *	24' *	12' Perf *	24' Perf *
6″	6CH.145	6CH.289	-	-

Bevel Planks

Size	12' *	24' *	12' Perf *	24' Perf *	
6 " Single	6SB.145	6SB.289	-	-	
6 " Triple	6TB.145	6TB.289	-	-	

Castellation Planks

Size	12' *	24' *	12' Perf *	24' Perf *	
4"	4CA.145	4CA.289	-	-	
8"	8CA.145	8CA.289	-	-	

Acoustical Soundtex® Scrim

Size	12' *	24' [‡]
6" V-Groove Plank	6PSP.145	6PSP.289
6" Smooth Plank	6PSPPA.145	6PSPPA.289

Trim Components

Туре	Style	Product	Dimensions	SKU
Starter	Precision	Starter J-Track	(5/8") - 12'	1SJT.145
Starter	Traditional	Starter Strip	(1-7/8") - 12'	2SS.145
Starter	Traditional	Back-to-Back Starter Strip	(1-1/4'')	2BTBSS.145
J-Track	Precision	Two Piece J-Track	(5/8") - 12'	1X1JT.145
J-Track	Precision	J-Track	(5/8") - 12'	1JT.145
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	Two Piece J-Track	(1-3/8") - 12'	1X2JT.145
Corner	Precision	Outside Corner	(3/16") - 12'	050C.145
Corner	Craftsman	Inside Corner	(3/4") - 12'	1IC.145
Corner	Craftsman	Outside Corner	(1") - 12'	10C.145
Corner	Traditional	Corner Set	(2") - 12′	2CORS.145
Corner	Traditional	3" Smooth	(3") - 24'	3SCP.289
Corner	Traditional	3" V-Groove	(3") - 24'	3SVP.289
Reveal	Precision	Flat Reveal	(1/2") - 12'	1FR.145
Reveal	Precision	T&G Flat Reveal	(1/2") - 24'	1TGFR.289
Reveal	Craftsman	U-Reveal Set	(3/4") - 12′	1URS.145
Reveal	Craftsman	T&G U-Reveal	(3/4) - 24'	1TGURK.289
Reveal	Traditional	U-Reveal Set	(1-1/2") - 12'	2URS.145
Reveal	Traditional	Flat Reveal Set	(1-1/2") - 12'	2FRS.145
Reveal	Traditional	T&G U-Reveal	(1 1/2") - 24'	2TGURK.289
Reveal	Traditional	Offset Flat Reveal Set, J-Track Base	(2") - 12'	20FFJ.145
Reveal	Traditional	Offset Flat Reveal Set, Termination Base	(2") - 12′	20FFT.145
Termination	Precision	Termination Set	(5/8") - 12'	1TS.145
Termination	Craftsman	Termination Set	(7/8") - 12'	TS23S.145
Termination	Traditional	Termination Set	(1-3/8") - 12'	2TS.145
Compression Joints	Traditional	Compression Joint	(1-3/8") - 24'	2CJ.289

V-Groove Planks	Smooth Planks	Channel Planks	Perforated Planks
Bevel Planks	Castellation Planks		
	3	ή	
Butt Joint Fastening Kit	Quick Screen Clips	U-Shim	Touch-up Pens
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 wi	ith account manager.	N/A	TUP

Touch Up Pens Reach out to confirm color with account manager.



Precision J-Track

Precision Outside Corner

3" Smooth Corner

Craftsman U-Reveal Set

Traditional T&G U-Reveal

+18006040343





Traditional Starter Strip

Traditional Back-to-Back

recision Two-Piece J-Track

Craftsman J-Track

Craftsman Inside Corner

3" V Groove Corner

Craftsman T&G U-Reveal





Craftsman Outside Corner

Precision Flat Revea

Traditional U-Reveal Set





















Craftsman Termination Set Termination Set





Starter Strip



Traditional Two Piece J-Track

Corner Set



Precision T&G Flat Reveal





























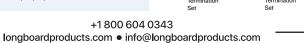














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Order Information

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Link & Lock™ Battens

Size	12'	24'	End Caps (20/box)	End Mounts (20/box)
2″	2X2LL.145	2X2LL.289	2LLEC.2	2LLEM.2
4"	2X4LL.145	2X4LL.289	2LLEC.4	2LLEM.4
6″	2X6LL.145	2X6LL.289	2LLEC.6	2LLEM.6
8″	2X8LL.145	2X8LL.289	2LLEC.8	2LLEM.8
Link &	Lock™ HD Ba	ittens		
4"	2X4LLHD.145	2X4LLHD.289	2LLHDEC.4	2LLHDEM.4
6"	2X6LLHD.145	2X6LLHD.289	2LLHDEC.6	2LLHDEM.6
8"	2X8LLHD.145	2X8LLHD.289	2LLHDEC.8	2LLHDEM.8
Link &	Lock™ Box B	attens		
4 x 4"	4X4LL.145	4X4LL.289	4LLEC.4	-

222		
nk & Lock™	Link & Lock™ HD	Link & Lock ™ Box Battens

4LLEC.6

4X6LL.289

Link & Lock™ Batten

4 x 6" 4X6LL.145

Privacy Beam System

Batten

Size	Product	24'	End Caps (20/box)
1x3"	Privacy Beam	1X3B.289	1BEC.3
1x5″	Privacy Beam	1X5B.289	1BEC.5
2x2″	Single Post	2X2SP.289	2X2PC.2
2x3″	Double Post	2X3DP.289	2X3PC.3

Mounting Accessories	Qty	SKU
Link & Lock Mounting Clip	48, bag	LLMC.N48
Link & Lock™ Isolation Washer	48, bag	FAST.5003.BOX48
Dewalt® 1/2" Pilot Point Drill Bit	1	DRILLBT.05
24' Link & Lock Internal Stiffener	1	LLSTIFF.289
3M [®] Double Sided Adhesive Tape - 108'	1, roll	LLTAPE.1296

Link & Lock™ Mounting Brackets

Product	Single	Dual
45° LEFT FIXED	LLMBK.45LF	LLMDK.45LF
45° RIGHT FIXED	LLMBK.45RF	LLMDK.45RF
90° CENTER FIXED	LLMBK.90F	LLMDK.90F
45° LEFT SLIDING	LLMBK.45LS	LLMDK.45LS
45° RIGHT SLIDING	LLMBK.45RS	LLMDK.45RS
90° CENTER SLIDING	LLMBK.90S	LLMDK.90S







Isolation Washer

Cor 0

Dewalt® Drill Bit Internal Stiifener



Single / Dual Fixed / Sliding Link & Lock ™ Mounting Brackets

Mounting Accessories	Qty	SKU
Spacer Block	100, box	2X2SB.N100
1" Spacer Bar Stock Length	1	1X2FB.145
1x3" Spacer Bar	100, box	1X2FB.1
1x5" Spacer Bar	100, box	1X2FB.3
3" Mounting Bracket	100, box	3PSMB.1
#10 Black Screws	100, box	PECS.N100



Spacer Ba

Mounting Bracket

Dauntless System

Dimensions	Product	12'	24'	End Caps (20/box)
1-5/8" x 4"	Beam	2X4CB.145	2X4CB.289	2BEC.4
1-5/8″ x 6″	Beam	2X6B.145	2X6CB.289	2BEC.6

Hanger Bracket Mounting System

Product	Kind	Qty	SKU
Side Rail	24' Carrier Rail	1	2CBSR.289
Beam Spline Connection Top	Accessory	1	BSCT.6
2" Hanger Bracket	Bracket	1	CBHB.2
4" Hanger Bracket	Bracket	1	CBHB.4
6" Hanger Bracket	Bracket	1	CBHB.6
8" Hanger Bracket	Bracket	1	CBHB.8
10" Hanger Bracket	Bracket	1	CBHB.10
12" Hanger Bracket	Bracket	1	CBHB.12

Clip Mounting System

Product	Kind	Qty	SKU
Single Rail ^	24' Carrier Rail	1	CBR.289
Double Rail ^	24' Carrier Rail	1	CBDR.289
1-1/2" Single Hanger Clip	Clip	20, box	HCS.2
3″ Hanger Clip	Clip	20, box	HC.3
Eye Bolt with T-Nuts	Attachment	20, box	CBEB.N20

^AIncludes 7 Eye-Bolts with T-Nuts



Clip Assembly



Hanger Bracket Assembly



We offer a vibrant spectrum of over 50 Colors. Scan the QR Code to explore our Finishes at Longboard Architectural Products.

Woodgrain

Solid & Specialty

Speckle

Naturally Aged Metals

Achieve your Vision.

+18006040343

longboardproducts.com • info@longboardproducts.com

Finish Options

Achieve your vision.

Whether creating a space that offers the warmth and appearance of Woodgrains, or the modern industrialized look of Naturally Aged Metals, we have a finish option for you.

Require a custom finish or color? Our experienced color-matching team can make it a reality!

Contact us to confirm lead times for orders greater than 15k sq.ft in the Most Popular Finishes category.

Longboard Finish Classification

Type: Woodgrain / Solid / Metallic / Speckle / Naturally Aged Metal Surface: Smooth / Textured Sheen: Matte / Satin / Glossy Performance: AAMA 2604 / AAMA 2605 Finish Warranty: 15 Year / 20 Year



Click / Scan the QR code to check our latest lead times and explore available options!



Woodgrains

Longboard's woodgrain finishes have a slight texture with matte sheen.



Solid & Specialty

Onyx Black	Dark Brown	Classic Bronze	Slate Grey	Venus	Bone White	Ultra White	Platinum Ice	Ceramic Clay	Moonstone	Old Navy	Medium Blue	Brick Red	Chilli Pepper	Copper Penny
	Smooth Satin		Smooth Satin	Smooth Glossy	Smooth Satin	Smooth Satin								
Solid	Solid	Solid	Solid	Metallic	Solid	Solid	Metallic	Solid	Metallic	Solid	Solid	Solid	Solid	Metallic



Naturally Aged Metals

|--|



Print, Screens, and our pictures do not accurately reflect aspects of our finishes – textures, sheen, woodgrain hues, etc. Always order a physical sample before purchase! Our Color Bars swatches and samples will provide an accurate representation.

If a custom finish is required, we will work with our industry leading coating suppliers to develop a custom finish solution. All finishes are rigorously tested for corrosion and weathering resistance to ensure that it will stand up and deliver superior performance in the built environment.

We perform accelerated weathering testing in our onsite laboratory and work closely with coating suppliers to review weathering results of finishes undergoing natural Florida exposure testing. Our disciplined approach to powder coating, quality and process control distinguishes it as industry leading product manufacturer and ensures that its premium products stay looking beautiful for many, many years.



NATIONAL WARRANTY



(Canada & USA only)

15 Year Non-Prorated Powder Coating Finish - 50 Year Non-Prorated Extruded Aluminum Profiles [Limited Warranty]

Warranty granted to (building owner):	Product codes: Product description:		Install contractor
			Project name
			Project address
Longboard Architectural Products Inc. ("Longboard," "The Company") products as identified by the Product Codes listed will conform to the standards set out in Clause 1 and Clause 2 of this Warranty, subject to the terms and conditions set out in Clause 3 and 4 of this Warranty.		Address 2	Install start date
	Finish:	Date of substantial compl	

This Pinnacle Warranty is only valid for applications within Canada and USA. All applications outside of Canada and USA are required to contact Longboard for assistance.

Clause 1

Extruded Aluminum Profile(s) with Powder Coat Finish Longboard expressly warrants that its product line is free from manufacturing defects in material or workmanship.

- 1.1 When product is applied according to Longboard instructions and properly maintained, such product is guaranteed against the following:
- 1.2 Buckling: The product itself will be free of any buckling that is not blocking: the product itseri will be free of any blocking that is not associated with the substrate and/or structure to which the Longboard system is attached. For the purpose of this warranty, buckling shall be defined as warping of the product(s) exceeding one sixteenth of an inch out of plane per linear foot. Corrosion: When installed in normal atmospheric conditions according to Longboard instructions and properly maintained,
- 1.3
- 1.4
- according to Longboard instructions and properly maintained, such product is further guaranteed against rusting and corroding. Subject to the limitations set out in Clause 3 and 4. What we will do: 1f, during the fifteen (15) year Limited Warranty Period on the powder coating finish, the Product is defective in material or workmanship, Longboard will, in its sole discretion, either repair or replace the defective portion of the Product. What we will do: 1f, during the fifty (50) year Limited Warranty Period on the extruded aluminum profiles, the Product is defective in material or workmanship, Longboard will, in its sole discretion, either repair or replace the defective portion of the Product. After the 15th year. this Limited Warranty on the powder. 1.5
- 1.6
- After the 15th year, this Limited Warranty on the powder coated finish will expire and shall no longer be applicable. After the 50th year, this Limited Warranty on the aluminum extruded profile(s) will expire and shall no longer be applicable. 1.7
- Longboard replacement of the defective Product or reimbursement of this Limited Warranty is the exclusive 1.8 remedy for the Covered Person for any defect in materials or workmanship. The Company will pay for all reasonable costs including material and labor as it relates to the repair and/or replacement of the defective Product.

Product Finish - AAMA 2604 Performance Specification

- During the first fifteen (15) years of this warranty: Checking/Cracking: No visible checking or cracking of the 2.2
- halking Resistance: No chalking of the product finish on the 2.3
- building in excess of that represented by No.8 rating based on ASTM D4214.
- on ASTM D4214. Color Retention: No color change of the product finish on the building greater than 5 (five) CIE Lab \triangle E units calculated in accordance with ASTM 2244 Section 6.3. Color change shall be measured on the exposed paint surface which has been cleaned of oil, grease, chalk, oxidized film or 2.4 other contaminants, corresponding values shall be measured on the control panel.
- Gloss Retention: Coated surface will exhibit gloss retention of a 2.5 minimum of 30% of the original. Gloss retention shall be measured on the exposed paint surface which has been cleaned

of oll, grease, chalk, oxidized film or other contaminants, corresponding values shall be measured on the control panel. Adhesion: Adhesion of product finish when initially applied to test panels and measured by reference to AAMA 2604-02 Clause 7.4.2 will show no removal of the film. 2.6

Clause 3

- Warranty Terms and Conditions: 3.1
- The "Warranty Period" for the warranties in Clause 1 shall mean the respective number of years or for as long as the Covered Person commencing on the date of substantial completion named above shall live and own the property on which the material was originally installed. 3.2
- 3.3 Registration of the product is required within ninety (90) days from substantial completion for the warranty to be in effect. This warranty is valid for the original owner and one other subsequent owner of the structure where the product(s) have been installed
- Normal atmospheric conditions exclude corrosive or aggressive atmospheres such as those contaminated with 3.4 chemical fumes or other corrosive elements. The product finish is not meant for marine use on boats, ships or offshore platforms. The product finish warranties as outlined in Clause 2 shall
- 3.5 include coverage of the finish as it relates to the impact effects from hail and woodpecker birds. Under no circumstance shall Longboard's liability under this limited
- 3.6 warranty exceed 2.5 times the total corresponding Longboard material cost (excluding sales tax, labor and installation related costs) as noted on the original purchase invoice and paid by the Buver for the specific project.

Claus

- This warranty will not extend or cover:
- Damages to the coated metal caused by handling, shipping, 4.2
- Damages to the coated metal caused by reliability, simplify, Damages to the coated metal caused by scratching or abrading after installation; or 4.3
- 4.4 Damages to the coated metal as a result of standing water in
- horizontal installations. The warranty will not be applicable to damage or failure, which 4.5 is caused by acts of God, falling objects, external forces, explosions, fire, rots, civil commotions, acts of war, or other such similar or dissimilar occurrences beyond The Company's control. Customer shall make available to The Company the dates of
- 4.6 Customer shall make available to the company the dates of the installation of the coated metal, the maintenance records including details of washing and cleaning procedures in compliance with the cleaning requirements as stated in the Required Maintenance section of this warranty. Customers shall demonstrate that the failure of the coated metal was due to a breach of the warranty stated herein.
- Claims must be made in writing to Longboard within 30 days of the discovery of a problem and authorization obtained prior to beginning any repair and/or refinishing work. 4.7

The claimant must provide proof of coverage. Claims can be made The claimant must provide proof of coverage. Claims can be made by writing to Longboard at the Product Performance Department. After receiving such notice, The Company must be given a reasonable opportunity to inspect and verify the claim. Longboard exclusive liability under this warranty, or other-will be limited to refinishing and/or repairing, at The Company's sole discretion, the defective powder coated product. The warranty on any refinished, repaired or replaced coated metal supplied hereunder shall be for the remainder of the warranty period applicable to the originally coated metal. All warranty work will be nefrormed by a company or contractor selected by

4.8

- work will be performed by a company or contractor selected by Longboard. Color variance between refinished and/or repainted product and original shall not be indicative of a defect. This warranty represents the entire agreement between parties in relation to its subject matter and supersedes any previous agreement whether written or oral between the parties in relation to its subject matter. The limited warranties state 4.9 the entire liability of Longboard with respect to the products covered by them. The Company shall have no liability for any incidental or consequential damages. No person is authorized to make any representation or warranty on behalf of Longboard except as expressly set forth above, and any such statement shall not be binding on The Company. Except as expressly set forth above, Longboard makes no warranty of any kind, express or implied, including, without limitation, any implied warranty of merchantability or fitness for a particular purpose. Warranties shall be the duration of the limited warranty, or such Shorter duration as provided under applicable local law. These limited warranties give you specific legal rights, and you may also have other rights which vary from area to area.
- Nothing in this warranty shall be construed as a warranty of the workmanship of any installer or as imposing on Longboard any 4.10
- Working is any installed of as imposing on Longourd any liability for unsatisfactory performance caused by faulty workmanship in installation. It's agreed all parties involved that all claims and disputes relating to this agreement that cannot be settled through negotiation will try in good faith to first settle the dispute by mediation administered by the American Arbitration Association (Construction Industry Mediation Procedures) as a prelude to mandatory. binding arbitration Such binding 4.11 Association (construction inclusity reclaudon roceaults) as a prelude to mandatory binding arbitration. Such binding arbitration is to be conducted and administered by the Construction Industry Arbitration Rules of the American Arbitration Association. Both seller and purchaser agree to share equally in the costs of both mediation and arbitration and that such binding arbitration will be the sole and final remedial action.
- Required Maintenance. Depending on the Project Environment, follow the maintenance schedule as outlined in the Longboard Care & Maintenance Guide. Use a soft sponge or 4.12 Longboard Care & Maintenance Guide. Use a sort sponge or cloth, water and mild detergent, non-abrasive soap with the pH range of 5-9 to clean the powder coated area of dirt, grim and other debris. Pressure washing and the use of harsh detergents or chemicals is not recommended. Include in your maintenance records the following: date, time, specific products used, name of maintenance person and their ignation, maintenance company name and general condition of the powder coated finish.

Date:

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

Name of owner or contractor:	Date:
Signature:	



Duly authorized on behalf of Longboard:

Name and designation:

Signature:

1 800 604 0343

info@longboardproducts.com longboardproducts.com

15 YEAR PINNACLE WARRANTY V06AUG2024

Longboard Architectural Products

1777 Clearbrook Road, Abbotsford, BC, V2T 5X5, Canada



NATIONAL WARRANTY



(Canada & USA only)

20 Year Non-Prorated Powder Coating Finish - 50 Year Non-Prorated Extruded Aluminum Profiles [Limited Warranty]

Warranty granted to (building owner):	Product codes: Product description:		Install contractor	
			Project name	
			Project address	
Longboard Architectural Products Inc. ("Longboard," "The Company") products as identified by the Product Codes		Address 2	Install start date	
listed will conform to the standards set out in Clause 1 and Clause 2 of this Warranty, subject to the terms and conditions set out in Clause 3 and 4 of this Warranty.	Finish:	Date of substantial comp		

This Pinnacle Warranty is only valid for applications within Canada and USA. All applications outside of Canada and USA are required to contact Longboard for assistance.

Clause 1

Extruded Aluminum Profile(s) with Powder Coat Finish Longboard expressly warrants that its product line is free from manufacturing defects in material or workmanship.

- 1.1 When product is applied according to Longboard instructions and properly maintained, such product is guaranteed against the following:
- 1.2 Buckling: The product itself will be free of any buckling that is not blocking: the product itseri will be free of any blocking that is not associated with the substrate and/or structure to which the Longboard system is attached. For the purpose of this warranty, buckling shall be defined as warping of the product(s) exceeding one sixteenth of an inch out of plane per linear foot. Corrosion: When installed in normal atmospheric conditions according to Longboard instructions and properly maintained,
- 1.3
- 1.4
- according to Longboard instructions and properly maintained, such product is further guaranteed against rusting and corroding. Subject to the limitations set out in Clause 3 and 4. What we will do: If, during the twenty (20) year Limited Warranty Period on the powder coating finish, the Product is defective in material or workmanship, Longboard will, in its sole discretion, either repair or replace the defective portion of the Product. What we will do: If, during the fifty (50) year Limited Warranty Period on the extruded aluminum profiles, the Product is defective in material or workmanship, Longboard will, in its sole discretion, either repair or replace the defective portion of the Product. After the 20th year. this Limited Warranty on the powder. 1.5
- 1.6
- 1.7
- After the 20th year, this Limited Warranty on the powder coated finish will expire and shall no longer be applicable. After the 50th year, this Limited Warranty on the aluminum extruded profile(s) will expire and shall no longer be applicable. Longboard replacement of the defective Product or reimbursement of this Limited Warranty is the exclusive parachy for the Covered Percen for any defect in protecties. 1.8 remedy for the Covered Person for any defect in materials or workmanship. The Company will pay for all reasonable costs including material and labor as it relates to the repair and/or replacement of the defective Product.

Name

Signat

Longboard Architectural Products

Product Finish - AAMA 2605 Performance Specification

- 2.2
- During the first twenty (20) years of this warranty: Checking/Cracking: No visible checking or cracking of the product finish on the building. Chalking Resistance: No chalking of the product finish on the 2.3
- building in excess of that represented by No.8 rating based on ASTM D4214.
- on ASTM D4214. Color Retention: No color change of the product finish on the building greater than 5 (five) CIE Lab \triangle E units calculated in accordance with ASTM 2244 Section 6.3. Color change shall be measured on the exposed paint surface which has been cleaned of oil, grease, chalk, oxidized film or 2.4 other contaminants, corresponding values shall be measured on the control panel.
- Gloss Retention: Coated surface will exhibit gloss retention of a 2.5 minimum of 50% of the original. Gloss retention shall be measured on the exposed paint surface which has been cleaned

of oll, grease, chalk, oxidized film or other contaminants, corresponding values shall be measured on the control panel. Adhesion: Adhesion of product finish when initially applied to test panels and measured by reference to AAMA 2605-02 Clause 7.4.2 will show no removal of the film. 2.6

Clause 3

- Warranty Terms and Conditions: 3.1
- The "Warranty Period" for the warranties in Clause 1 shall mean the respective number of years or for as long as the Covered Person commencing on the date of substantial completion named above shall live and own the property on which the material was originally installed. 3.2
- 3.3 Registration of the product is required within ninety (90) days from substatial completion for the warranty to be in effect. This warranty is valid for the original owner and one other subsequent owner of the structure where the product(s) have been installed
- Normal atmospheric conditions exclude corrosive or aggressive atmospheres such as those contaminated with 3.4 chemical fumes or other corrosive elements. The product finish is not meant for marine use on boats, ships or offshore platforms. The product finish warranties as outlined in Clause 2 shall
- 3.5 include coverage of the finish as it relates to the impact effects from hail and woodpecker birds. Under no circumstance shall Longboard's liability under this limited
- 3.6 warranty exceed 2.5 times the total corresponding Longboard material cost (excluding sales tax, labor and installation related costs) as noted on the original purchase invoice and paid by the Buver for the specific project.

Claus

- This warranty will not extend or cover:
- Damages to the coated metal caused by handling, shipping, 4.2
- Damages to the coated metal caused by reliability, simplify, Damages to the coated metal caused by scratching or abrading after installation; or 4.3
- 4.4 Damages to the coated metal as a result of standing water in
- horizontal installations. The warranty will not be applicable to damage or failure, which 4.5 is caused by acts of God, falling objects, external forces, explosions, fire, rots, civil commotions, acts of war, or other such similar or dissimilar occurrences beyond The Company's control. Customer shall make available to The Company the dates of
- 4.6 Customer shall make available to the company the dates of the installation of the coated metal, the maintenance records including details of washing and cleaning procedures in compliance with the cleaning requirements as stated in the Required Maintenance section of this warranty. Customers shall demonstrate that the failure of the coated metal was due to a breach of the warranty stated herein.
- Claims must be made in writing to Longboard within 30 days of the discovery of a problem and authorization obtained prior to beginning any repair and/or refinishing work. 4.7

The claimant must provide proof of coverage. Claims can be made The claimant must provide proof of coverage. Claims can be made by writing to Longboard at the Product Performance Department. After receiving such notice, The Company must be given a reasonable opportunity to inspect and verify the claim. Longboard exclusive liability under this warranty, or other-will be limited to refinishing and/or repairing, at The Company's sole discretion, the defective powder coated product. The warranty on any refinished, repaired or replaced coated metal supplied hereunder shall be for the remainder of the warranty period applicable to the originally coated metal. All warranty work will be nefrormed by a company or contractor selected by

4.8

- work will be performed by a company or contractor selected by Longboard. Color variance between refinished and/or repainted product and original shall not be indicative of a defect. This warranty represents the entire agreement between parties in relation to its subject matter and supersedes any previous agreement whether written or oral between the parties in relation to its subject matter. The limited warranties state 4.9 the entire liability of Longboard with respect to the products covered by them. The Company shall have no liability for any incidental or consequential damages. No person is authorized to make any representation or warranty on behalf of Longboard except as expressly set forth above, and any such statement shall not be binding on The Company. Except as expressly set forth above, Longboard makes no warranty of any kind, express or implied, including, without limitation, any implied warranty of merchantability or fitness for a particular purpose. Warranties shall be the duration of the limited warranty, or such Shorter duration as provided under applicable local law. These limited warranties give you specific legal rights, and you may also have other rights which vary from area to area.
- Nothing in this warranty shall be construed as a warranty of the workmanship of any installer or as imposing on Longboard any 4.10
- Working is any installed of as imposing on Longourd any liability for unsatisfactory performance caused by faulty workmanship in installation. It's agreed all parties involved that all claims and disputes relating to this agreement that cannot be settled through negotiation will try in good faith to first settle the dispute by mediation administered by the American Arbitration Association (Construction Industry Mediation Procedures) as a prelude to mandatory. binding arbitration Such binding 4.11 Association (construction inclusity reclaration increases) as a prelude to mandatory binding arbitration. Such binding arbitration is to be conducted and administered by the Construction Industry Arbitration Rules of the American Arbitration Association. Both seller and purchaser agree to share equally in the costs of both mediation and arbitration and that such binding arbitration will be the sole and final remedial action.
- Required Maintenance. Depending on the Project Environment, follow the maintenance schedule as outlined in the Longboard Care & Maintenance Guide. Use a soft sponge or 4.12 conjugate care and militariance concervation of the solution of the solution of the polynomial of the polynomial of the polynomial of the polynomial of the solution of the so detergents or chemicals is not recommended. Include in your maintenance records the following: date, time, specific products used, name of maintenance person and their ignation, maintenance company name and general condition of the powder coated finish.

Date:

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

of owner or contractor:	Date:
ure:	

1777 Clearbrook Road, Abbotsford, BC, V2T 5X5, Canada

Duly authorized on behalf of Longboard:

Name and designation:

Signature:

info@longboardproducts.com

longboardproducts.com

20 YEAR PINNACLE WARRANTY V06AUG2024

1 800 604 0343