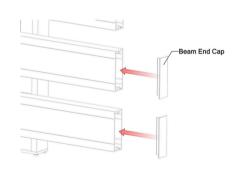
PRIVACY BEAM WALLS

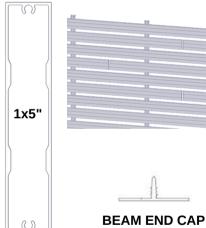
TYPICAL ISOMETRICS

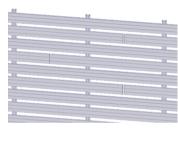


SINGLE POST











PROFILES

1x3", 1x5" - Standard Lengths: 24'

COMPONENTS

Single Post, -Standard 24'L Beam End Cap, Post End Cap - (20pcs) Spacer Bar (1", 12'), Spacer Block (100pcs) Mounting Bracket - (100pcs)

FINISHES

Woodgrains, solid colors, naturally aged metals, special order. Custom solid color matching available (additional lead times apply).

ATTACHMENT

Floating System attached with Mounting Brackets, End Frame System placed in posts and supported with Spacer Blocks

Spacer Bar - comes in 12ft lengths -cut for variable heights Spacer Block - 1-1/2" spacer

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

6063-T5 Extruded Aluminum

100% Recyclable

Warranty: Finish:15 year (standard)/20 year* (ultra) (*10 week lead time);

Aluminum: 50 year

Weight (lbs/lf): 0.7 (1X3); 1.1 (1X5)

ICC-ES Evaluation Report - Division: 05 00 00 - METALS

• Section: 05 50 00 - Metal Fabrications

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

Florida Building Code: Building Florida Building Code: Residential

WUI (The Wildland-Urban Interface) - California Department of Forestry & Fire

Protection Office of the State Fire Marshall Listing No. 8140-2286:0500



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



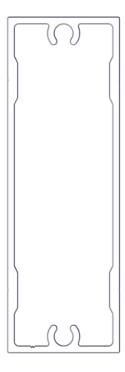
Light reflectance (LRV): 5% (Black) Up to 73.2% (Ultra White)



Interior

Privacy Beam Walls

Installation Guidelines



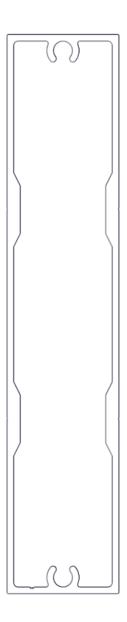




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Material Specifications

Finishes

- Longboard Products are available in a wide range of powder coated finishes
- Custom solid colors are available upon request

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

Privacy Beam components expand & contract 1/4" (6mm) over 24' (7.3m) along the length, measured over a 30°C (54°F) temperature range. Due to this range of movement, Privacy Beam Fins /Battens should be installed with staggered butt-joints, leaving a 1/4" (6mm) min. gap, every 24' (7.3m) min.

See Appendix for Tables 1 & 2, expansion/contraction calculations per foot/meter of material.

Material Ordering & Delivery

•	Packaging:	Privacy Beams are sold in 24' lengths, 1x3 & 1x5. End caps are sold by the box: 20 caps/bx Single Posts are sold in 24' lengths
•	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: info@longboardproducts.com or 1-800-604-0343 and include your PO# and any pictures if possible. Mark the delivery receipt as "damaged" and accept the delivery as-is. Longboard is not responsible for the installation of blemished or damaged material.

Storage & Handling

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

Cleaning Recommendations

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

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

*See Cleaning Guide for full requirements & cleaning schedule:

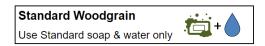
longboardproducts/resources/care-maintenance.com

Warranty

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



Graffiti Removal







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



Components

Components (Typical)

The Privacy Beam system consists of Beams attached to Single Posts and installed onto a support structure or exterior building envelope. For all LB components go to longboardproducts.com.

Privacy Beam System

Size	Product	24'	(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







1x5 Beam

1x3 Beam

End Cap

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





Mounting Bracket

Single Post









Spacer Block

Spacer Bar

Single Post End Cap

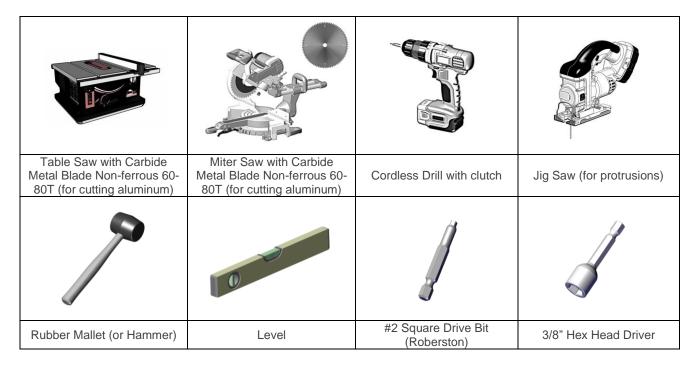
#10 Black Screws
-used to secure Single
Post End Cap



Tools/Cutting/Fastening

Tools

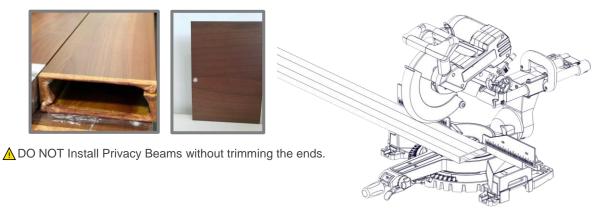
Commonly used tools for Privacy Beam install.



Cutting

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

Cut battens 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.





Fastening

Longboard Privacy Beam consists of 1x3 & 1x5 extrusions which are installed onto single posts using mounting brackets for Floating system or spacer blocks for End Frame system. These posts are fastened with #12 fasteners (by others) to a solid secure support structure or substrate, sharppoint screws (for wood substrates) or self-drilling (for metal substrates).

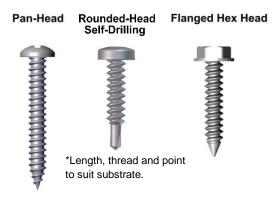
Fasteners must be corrosion resistant and comply with all local building codes.

⚠ All fasteners should be suitable for exterior use and be compatible with the substrate type. Fasteners should be anchored into a solid secure substrate.

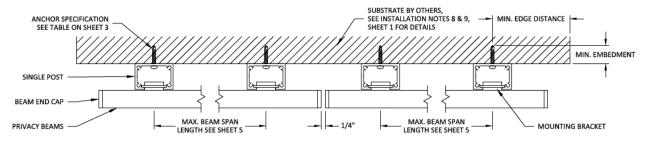
▲ See Appendix for project specific fastener spacing: Table 3

Fastener types

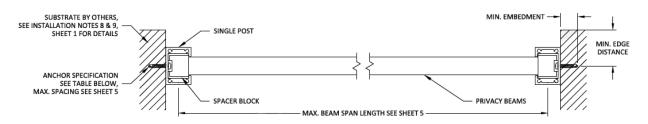
RECOMMENDED



Floating System



End Frame System



Framing/Furring requirements

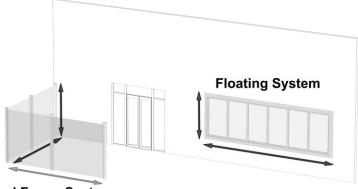
Always consult your local building authority and follow local building code requirements.

See Appendix for framing/furring/sheathing specs: Table 3

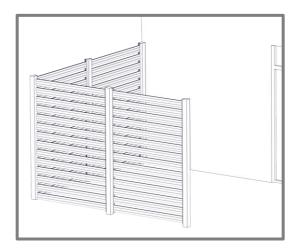
System Install

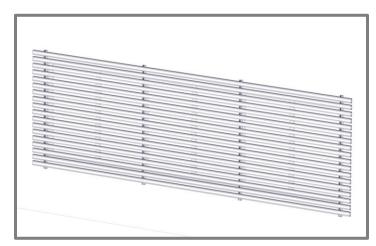
Perimeter and field area limitations

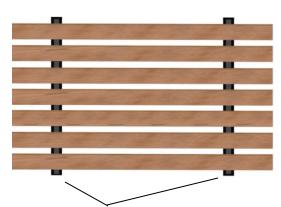
Measure and layout your application area to consider Privacy Beam alignment with fixtures, penetrations, and adjacent walls, for desired appearance. The same methodology applies for vertical installations.



End Frame System







Privacy Beam system requires minimum of two points of attachment.

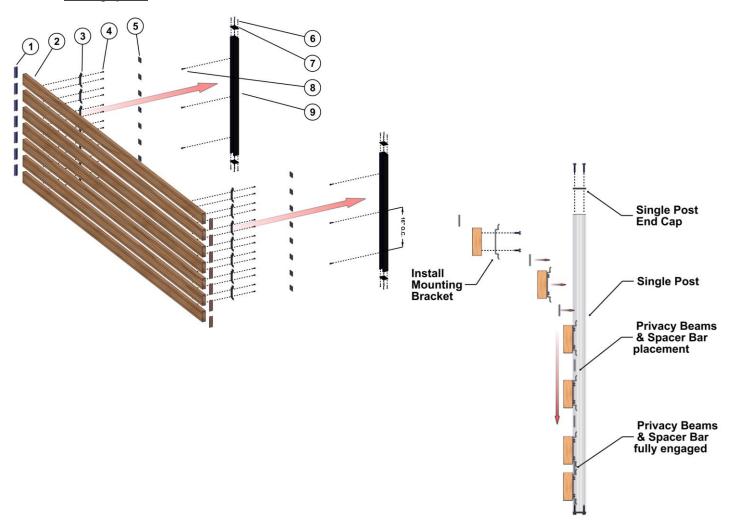


Cantilevers are not to exceed half the allowable span to a maximum of 2'.



Component assembly overview

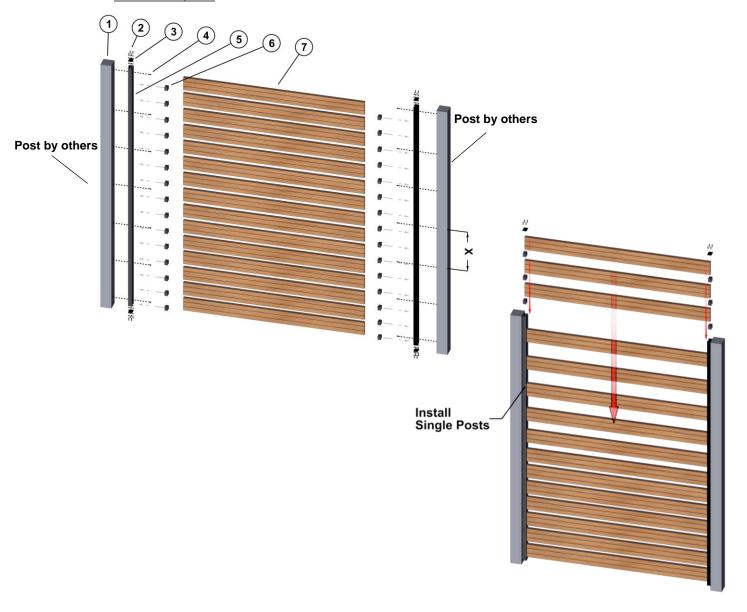
Floating system



No.	Description	Details	SKU
1	End Cap	-End Caps are friction fit onto ends of the Privacy Beams	1BEC.3, 1BEC.5
2	Privacy Beam	-1"x3" Beam, 1"x5" Beam	1X3B.289, 1x5B.289
3	Mounting Bracket	-Secured onto Beam, (100/box)	3PSMB
4	#10-16x3/4 Tek Hex Head Screw	-For securing the bracket to the Beam Included x 2 with bracket, (200/box)	Included with Mounting Bracket
5	Spacer bar (1" piece)	-For spacing between the Beams 12' length, 1" length- (100/Box), 3" length- (100/Box)	1X2FB.145, 1X2FB.1, 1X2FB.3
6	#10-1 Pan Head Screw	-For securing the Single Post End caps (sold separately)	PECS
7	Single Post End Cap	-Secured onto the end of the Single Posts	2X2PC.2
8	#12 Fastener (by others)	-Used to secure the Posts to the structure. For spacings subject to loading see tables 3 & 4 in appendix.	N/A
9	Single Post	-Installed at 6' O.C. typical spacing, Beams are connected to the posts via the mounting bracket	2X2SP.289



End Frame system



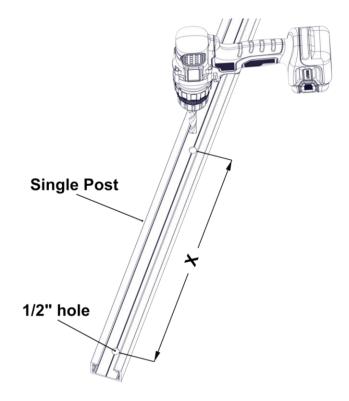
No.	Description	Details	SKU
1	Post or structural member	-By others	N/A
2	#10-1 Pan Head Screw	-For securing the Single Post End caps (sold separately)	PECS
3	Single Post End Cap	-Secured onto the end of the Single Posts	2X2PC.2
4	#12 Fastener (by others)	-Used to secure the Posts to the structure. For spacings subject to loading see tables 3 & 4 in appendix.	N/A
5	Single Post	-Installed at 6' O.C. typical spacing, Beams are connected to the posts via the mounting bracket	2X2SP.289
6	Spacer Block	-For spacing between the Beams (1" spacing)	2X2SB
7	Privacy Beam	-1"x3" Beam, 1"x5" Beam	1X3B.289, 1x5B.289



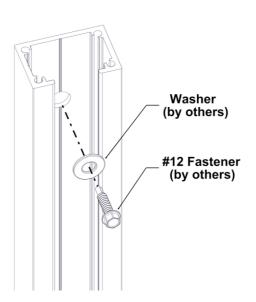
Preparation drilling for Install

To prepare the Privacy Beam system for install, predrill the single posts with 1/2" holes every 16" O.C. typical with the first hole approx. 2" in from the end.

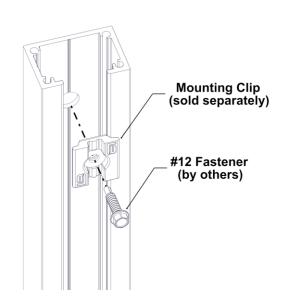
*For fastener max. spacing (X), see table 3 in Appendix for project specific loading.



Anchoring for End Frame System



Anchoring for Floating System





Install steps

Floating system

Step 1

Layout and install predrilled Privacy Posts onto secure structure. It is good practice to check your installation every 2-3 rows for level/plumb and flat/straight, for best result.

Note: Be sure to fasten in the center of the 1/2" holes to allow for movement each way. Hard fasten near the center of each length to prevent migration of the material over time.

Step 2

Install bottom Single Post End Cap and Spacer Bar.

Step 3

Fasten Mounting **Brackets** onto Privacy Beams at desired spacing for the connection to the Single Posts. Use the Die lines as guides for the Mounting Bracket positioning.



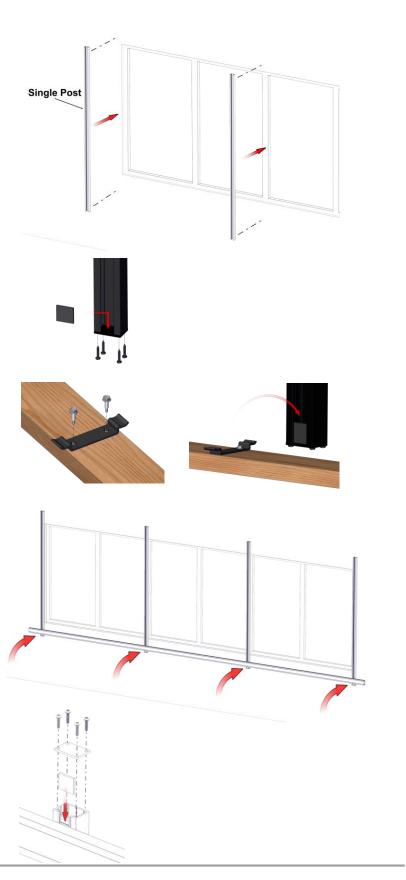
Cut off Taped/Drilled Privacy Beam ends (1/2" each end).

Step 4 Install Privacy Beams onto the Single Posts locking into place and continue

until all are in place.



To finish, install the last Spacer Bar and Single Post End Cap. Then install Privacy Beam End Caps.





Install steps

End Frame system

Step 1

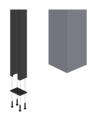
Install bottom Single Post End Cap.

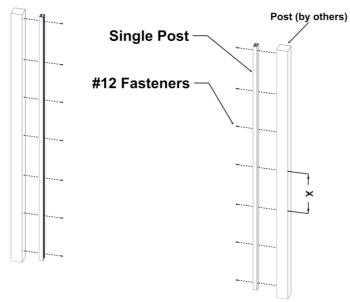
Step 2

Install predrilled Privacy Posts onto secure structure. It is good practice to check your installation every 2-3 rows for level/plumb and flat/straight, for best result.

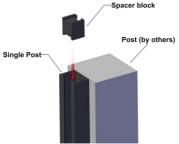
Note: Be sure to fasten in the center of the 1/2" holes to allow for movement each way. Hard fasten near the center of each length to prevent migration of the material over time.

*For fastener max. spacing (X), see table 3 in Appendix for project specific loading.





Step 3 Place Spacer Block into Post from top of Post and slide down to required location.



Step 4

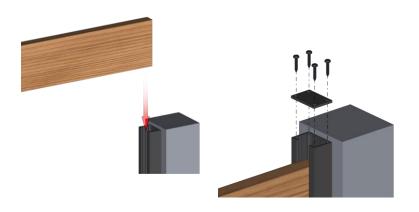
Cut and place Privacy Beam into Single Posts. Then another Spacer Block and Beam and repeat.



Cut off Taped/Drilled Privacy Beam ends (1/2" each end).

Step 5

To finish, install the Single Post End Cap.

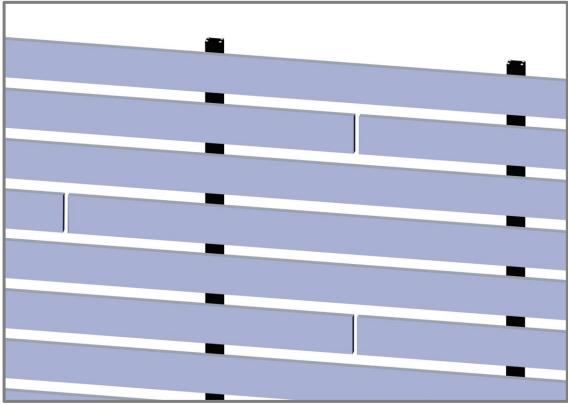




Details

Butt-Joints

• BUTT-JOINTS. When installing butt-joints, ensure to leave a 1/4" (6mm) min. gap. every 24' (7.3m) min. (See Detail A).



Detail A



Appendix

Expansion and Contraction Tables

						The same of the sa		T TIME OF					10000
		°C	-50	-40	-30	-20	-10	0	10	20	30	40	50
		°F	-58	-40	-22	-4	14	32	50	68	86	104	122
· [°C	°F				EXPAN	ISION OR C	CONTRACT	ION (INCH/	FOOT)			
CONSTRUCTION IEM	-50	-58	0.000	-0.003	-0.005	-0.008	-0.011	-0.014	-0.016	-0.019	-0.022	-0.024	-0.027
	-40	-40	0.003	0.000	-0.003	-0.005	-0.008	-0.011	-0.014	-0.016	-0.019	-0.022	-0.024
	-30	-22	0.005	0.003	0.000	-0.003	-0.005	-0.008	-0.011	-0.014	-0.016	-0.019	-0.022
	-20	-4	0.008	0.005	0.003	0.000	-0.003	-0.005	-0.008	-0.011	-0.014	-0.016	-0.019
	-10	14	0.011	0.008	0.005	0.003	0.000	-0.003	-0.005	-0.008	-0.011	-0.014	-0.016
	0	32	0.014	0.011	0.008	0.005	0.003	0.000	-0.003	-0.005	-0.008	-0.011	-0.014
	10	50	0.016	0.014	0.011	0.008	0.005	0.003	0.000	-0.003	-0.005	-0.008	-0.011
	20	68	0.019	0.016	0.014	0.011	0.008	0.005	0.003	0.000	-0.003	-0.005	-0.008
	30	86	0.022	0.019	0.016	0.014	0.011	0.008	0.005	0.003	0.000	-0.003	-0.005
	40	104	0.024	0.022	0.019	0.016	0.014	0.011	0.008	0.005	0.003	0.000	-0.003
	10000												
	50 E 2 - M	122 ETRIC	0.027	0.024	0.022	0.019	0.016	0.014	0.011	0.008	0.005	0.003	0.000
		ETRIC			AVERA	GE TEMPE	RATURE A	T TIME OF	CUTTING	& INSTALL	ATION		
		ETRIC °C	-50	-40	AVERA	GE TEMPE	RATURE A	T TIME OF	CUTTING 10	& INSTALL	ATION 30	40	50
BLE	Ē 2 - M	etric °c °f			AVERA	-20 -4	-10 14	T TIME OF 0 32	CUTTING 10 50	& INSTALL 20 68	ATION		
BLE	€ 2 - M °C	etric °c °f	-50 -58	-40 -40	AVERA -30 -22	GE TEMPE -20 -4 EXPAN	RATURE A -10 14 SION OR C	T TIME OF 0 32	CUTTING 10 50 ON (MM/N	& INSTALL 20 68 METER)	ATION 30 86	40 104	50 122
BLE	°C -50	°C °F °F -58	-50 -58	-40 -40	-30 -22	-20 -4 EXPAN	-10 14 SION OR C	T TIME OF 0 32 ONTRACTI	CUTTING 10 50 ON (MM/N -1.380	& INSTALL 20 68 METER) -1.610	ATION 30 86	40 104 -2.070	50 122 -2.300
SLE	°C -50 -40	°C °F °F -58 -40	-50 -58 0.000 0.230	-40 -40 -0.230 0.000	-30 -22 -0.460 -0.230	-20 -4 EXPAN -0.690 -0.460	RATURE A -10 14 SION OR C -0.920 -0.690	T TIME OF 0 32 ONTRACTI -1.150 -0.920	CUTTING 10 50 ON (MM/N -1.380	& INSTALL 20 68 (ETER) -1.610 -1.380	ATION 30 86 -1.840 -1.610	40 104 -2.070 -1.840	50 122 -2.300 -2.070
SLE	°C -50 -40 -30	*C	-50 -58 0.000 0.230 0.460	-40 -40 -0.230 0.000 0.230	-0.460 -0.230 0.000	-20 -4 EXPAN -0.690 -0.460 -0.230	-10 14 SION OR C -0.920 -0.690 -0.460	T TIME OF 0 32 CONTRACTI -1.150 -0.920 -0.690	CUTTING 10 50 ON (MM/N -1.380 -1.150 -0.920	& INSTALL 20 68 METER) -1.610 -1.380 -1.150	ATION 30 86 -1.840 -1.610 -1.380	-2.070 -1.840 -1.610	-2.300 -2.070 -1.840
BLE	°C -50 -40 -30 -20	*F	-50 -58 0.000 0.230 0.460 0.690	-40 -40 -0.230 0.000 0.230 0.460	-0.460 -0.230 0.000 0.230	-20 -4 EXPAN -0.690 -0.460 -0.230 0.000	SION OR C -0.920 -0.690 -0.460 -0.230	T TIME OF 0 32 CONTRACTI -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 METER) -1.610 -1.380 -1.150 -0.920	ATION 30 86 -1.840 -1.610 -1.380 -1.150	-2.070 -1.840 -1.610 -1.380	-2.300 -2.070 -1.840 -1.610
BLE	°C -50 -40 -30 -20 -10	°C °F -58 -40 -22 -4 14	-50 -58 0.000 0.230 0.460 0.690 0.920	-40 -40 -0.230 0.000 0.230 0.460 0.690	-0.460 -0.230 0.000 0.230 0.460	-20 -4 EXPAN -0.690 -0.460 -0.230 0.000 0.230	SION OR C -0.920 -0.690 -0.460 -0.230 0.000	T TIME OF 0 32 ONTRACTI -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 METER) -1.610 -1.380 -1.150 -0.920 -0.690	-1.840 -1.610 -1.380 -1.150 -0.920	-2.070 -1.840 -1.610 -1.380 -1.150	-2.300 -2.070 -1.840 -1.610 -1.380
SLE	°C -50 -40 -30 -20 -10 0	°C °F °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	-0.460 -0.230 0.000 0.230 0.460 0.690	-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 ONTRACTI -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 IETER) -1.610 -1.380 -1.150 -0.920 -0.690 -0.460	-1.840 -1.610 -1.380 -1.150 -0.920 -0.690	-2.070 -1.840 -1.610 -1.380 -1.150 -0.920	-2.300 -2.070 -1.840 -1.610 -1.380 -1.150
SLE	°C -50 -40 -30 -20 -10 0 10	°C °F °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	-0.460 -0.230 0.000 0.230 0.460 0.690 0.920	-20 -4 EXPAN -0.690 -0.460 -0.230 0.000 0.230 0.460 0.690	RATURE A -10 14 SION OR C -0.920 -0.690 -0.460 -0.230 0.000 0.230 0.460	T TIME OF 0 32 CONTRACTI -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	-1.840 -1.610 -1.380 -1.150 -0.920 -0.690 -0.460	-2.070 -1.840 -1.610 -1.380 -1.150 -0.920 -0.690	-2.300 -2.070 -1.840 -1.610 -1.380 -1.150 -0.920
SLE	°C -50 -40 -30 -20 -10 0 10 20	°C °F °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	-0.460 -0.230 0.000 0.230 0.460 0.690 0.920 1.150	-20 -4 EXPAN -0.690 -0.460 -0.230 0.000 0.230 0.460 0.690 0.920	-10 14 SION OR C -0.920 -0.690 -0.460 -0.230 0.000 0.230 0.460 0.690	-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 METER) -1.610 -1.380 -1.150 -0.920 -0.690 -0.460 -0.230 0.000	-1.840 -1.610 -1.380 -1.150 -0.920 -0.690 -0.460 -0.230	-2.070 -1.840 -1.610 -1.380 -1.150 -0.920 -0.690 -0.460	-2.300 -2.070 -1.840 -1.610 -1.380 -1.150 -0.920 -0.690
SLE	°C -50 -40 -30 -20 -10 0 10	°C °F °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	-0.460 -0.230 0.000 0.230 0.460 0.690 0.920	-20 -4 EXPAN -0.690 -0.460 -0.230 0.000 0.230 0.460 0.690	RATURE A -10 14 SION OR C -0.920 -0.690 -0.460 -0.230 0.000 0.230 0.460	T TIME OF 0 32 CONTRACTI -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	-1.840 -1.610 -1.380 -1.150 -0.920 -0.690 -0.460	-2.070 -1.840 -1.610 -1.380 -1.150 -0.920 -0.690	



TABLE 3

LONGBOARD' PRIVACY BEAM SPAN TABLE PSF (Factored / Ultimate) 1X3 & 1X5 PRIVACY BEAMS 20 30 50 70 100 120 1x5 Beam* 1x5 Beam POST SPACING (FT) 1x5 Beam *CANTILEVERS are not to exceed half (1/2) the allowable span to a maximum of 2'

Calculations are using L/180 deflection limits

SINGLE POST ANCHOR TABLE

CHICLE FOOT AROHOR FABLE							
				FASTENER SPA	ACING (INC	HES)	
SINGLE POST		FLOATING SYSTEM			END FRAME SYSTEM		
		WOOD	STEEL/ ALUM.	CONCRETE/ CMU	WOOD	STEEL/ ALUM.	CONCRETE/ CMU
	4'	16"	6"	6"	6"	14"	6"
DOST SDACING (ET)	6'	18"	7"	7"	7"	16"	6"
POST SPACING (FT)	7'	24"	10"	10"	10"	24"	10"
	8' *	24"	12"	12"	12"	24"	11"

* 1x3 Only

SUBSTRATE REQUIREMENTS	ANCHOR DESCRIPTION	MIN. EMBEDMENT	MIN. EDGE DISTANCE
Min. specific gravity = 0.55 wood	#12 Wood Screw	1-1/2"	1"
Min. 1/16" thick, Min. Fy-36 ksl.	#12 Self-Drilling or Self-Tapping Screw	3 threads penetration past	1/2"
Min. 1/8", Min. 6063-T5	(Grade 5)	metal structure	1/2
Min. 3000 psi	2/15* ITIM T20000	1-1/2"	2"
Conforms to ASTM C-90, with Min. compressive strength of 2000 psi	3/10 II W Tapcon	1-1/4"	3"
	Min. specific gravity = 0.55 wood Min. 1/16" thick, Min. Fy=36 ksl. Min. 1/8", Min. 6063-T5 Min. 3000 psl	Min. specific gravity = 0.55 wood #12 Wood Screw Min. 1/16" thick, Min. Fy=36 ksi. #12 Self-Drilling or Self-Tapping Screw Min. 1/6", Min. 6063-T5 (Grade 5) Min. 3000 psi 3/16" ITW Tappon	Min. specific gravity = 0.55 wood #12 Wood Screw 1-1/2" Min. 1/16" thick, Min. Fy=36 ksl. #12 Self-Drilling or Self-Tapping Screw (Grade 5) Min. 1/6", Min. 6063-T5 (Grade 5) Min. 3000 psl 3/16" ITW Tapcon

GENERAL NOTES:

- 1. This product has been designed and manufactured to comply with the current Florida Building Code (FBC), INCLUDING HVHZ and has been evaluated according to the following:
 - Section 1709.8
 - ASTM E8-16
- 2. Adequacy of the structural concrete/masonry and 2X framing as a main wind force resisting system capable of withstanding and transferring applied product loads to the foundation is the responsibility of the engineer or architect of record for the project of installation.
- 3. Substrate shall be designed and anchored to properly transfer all loads to the structure. Buck design and installation is the responsibility of the engineer or architect of record for the project of installation.
- 4. The installation details described herein are generic and may not reflect actual conditions for a specific site. If site conditions cause installation to deviate from the requirements detailed herein, a licensed engineer or architect shall prepare site specific documents for use with this document.
- 5. The Privacy Beam System has not been designed to be a life-safety Item. Designs of this nature are the responsibility of the engineer or architect of record.

INSTALLATION NOTES:

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

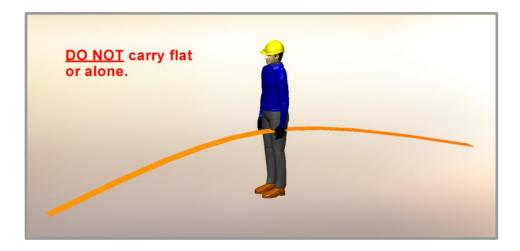


Proper Handling of Longboard Products

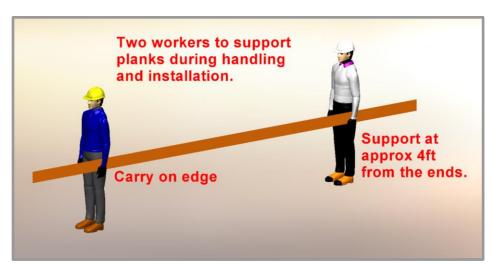


To help avoid injury and product damage, Longboard products require proper handling to and from storage areas during installation. When carrying or installing any products it is recommended that they be moved or carried by at least two people with each support point approximately 4ft from the ends. Carrying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









▲ Delivery, Storage & Handling ▲

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



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

Every effort has been made to ensure that the information in these installation guidelines is 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.



LONGBOAR INSPIRING ARCHITECTURE

Order Information

Tongue & Groove Systems

V-Gro	ove Planks	* 48 sq. ft. box 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	

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 " Triplo	CTD 14E	6TD 200			

Castellation Planks

Size	12′ *	24′ ‡	12' Perf *	24' Perf ‡
4"	4CA.145	4CA.289	-	-
8"	8CA 1/15	8CA 289	_	_

Acoustical Soundtex® Scrim

Size	12′ *	24′ ‡
6" V-Groove Plank	6PSP.145	6PSP.289
6" Smooth Blank	6DSDDA 1/15	EDSDDA 280



V-Groove Planks



Planks



Planks



Planks



Planks



Castellation Planks

Clips





Touch-up Pens

Accessories

Fastening Kit

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 Peach out to confirm color with account manager	N/A	TUP

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'	05OC.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	(11/2") - 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



Precision Outside Corner

3" Smooth Corner

Craftsman U-Reveal Set

Craftsman Termination Set



Traditional Starter Strip

3" V Groove Corner

Craftsman T&G U-Reveal

Traditional Offset Flat Reveal Set, J-Track Base

Traditional Termination Set









Traditional





Precision Flat Revea











Compression Joint

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 B	attens		

Link	&	Loci	€ TM	HD	Bat	tens	;

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 Battens

4 x 4"	4X4LL.145	4X4LL.289	4LLEC.4	-
4 x 6"	4X6LL.145	4X6LL.289	4LLEC.6	-



Link & Lock™



Link & Lock™ HD





Link & Lock ™ Box Battens

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

Single

LLMBK.45LF

LLMBK.45RF

LLMBK.90F

LLMBK.45LS

LLMBK.45RS

LLMBK.90S

Dual

LLMDK.45LF

LLMDK.45RF

LLMDK.90F

LLMDK.45LS

LLMDK.45RS

LLMDK.90S







Mounting Clip

Isolation Washer





Dewalt® Drill Bit

Internal Stiifener



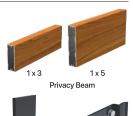


Link & Lock ™ Mounting Brackets

Privacy Beam System

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
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 Bar

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	2BFC.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

Link & Lock™ Mounting Brackets

Product

45° LEFT FIXED

45° RIGHT FIXED

90° CENTER FIXED

45° LEFT SLIDING

45° RIGHT SLIDING

90° CENTER SLIDING

Product	Kind	Qty	SKU
Single Rail ^a	24' Carrier Rail	1	CBR.289
Double Rail ^a	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

[△]Includes 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.

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



Speckle



Naturally Aged Metals



Liberty Brooklyn Eiffel Empire Golden Gate
Textured Matte Smooth Glossy Textured Matte Textured Matte
Naturally Aged Naturally

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]

Project name Project address Address 2 Install start date Date of substantial completion
Address 2 Install start date
Date of substantial completion
SA. All applications outside of Canada and USA are required to contact Longboard fo
Ik, oxidized film or other contaminants, The claimant must provide proof of coverage. Claims can be made
s shall be measured on the control panel. of product finish when initially applied to test ed by reference to AAMA 2604-02 Clause moval of the film. by writing to Longboard at the Product Performanc 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- wise and the Product Performanc
will be limited to refinishing and/or repairing, at The Company sole discretion, the defective powder coated product. Th warranty on any refinished, repaired or replaced coated met
Conditions: off for the warranties in Clause 1 shall mean ber of years or for as long as the Covered g on the date of substantial completion eand own the property on which the material product and original shall not be indicative of a defect.
ed. 4.9 This warranty represents the entire agreement betwee product is required within ninety (90) days in pletion for the warranty to be in effect. This the ordinal owner and one other subsequent parties in relation to its subject matter and supersedes an previous agreement whether written or oral between the parties in relation to its subject matter. The limited warranties state the continuous production of the continuous production of the continuous production.
cture where the product(s) have been covered by them. The Company shall have no liability for an incidental or consequential damages. No person is authorized theres such as those contaminated with
ther corrosive elements. The product finish fine use on boats, ships or offshore platforms. warranties as outlined in Clause 2 shall the finish as it relates to the impact effects
pecker birds. se shall Longboard's liability under this limited stimes the total corresponding Longboard ding sales tax, labor and installation related warranty of merchantability or fitness for a particular purpose Warranties shall be the duration of the limited warranty, or suc shorter duration as provided under applicable local law. These limited warranties give you specific legal rights, and you ma
he original purchase invoice and paid by the ic project. 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 an liability for unsatisfactory performance caused by fault.
t extend or cover: 4.11 It's agreed all parties involved that all claims and dispute relating to this agreement that cannot be settled throug negotiation will try in good faith to first settle the dispute by
nted metal caused by scratching or abrading mediation administered by the American Arbitration Association (Construction Industry Mediation Procedures) as
ated metal as a result of standing water in onstruction is to be conducted and administered by the objects and the construction is to be conducted and administered by the construction industry Arbitration Rules of the America Arbitration Association. Both seeller and purchaser agree to share on the construction of God, falling objects, external forces, and the construction of the con
occurrences beyond The Company's control. Ke available to The Company the dates of
he coated metal, the maintenance records of washing and cleaning procedures in the cleaning requirements as stated in the nice section of this warranty. Customers that the fallure of the coated metal was due
warranty stated herein. and other debris. Pressure washing and the use of hars detergents or chemicals is not recommended. Include in you maintenance records the following: date, time, specifi products used, name of maintenance person and the designation, maintenance company name and general condition



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 listed will conform to the standards set out in Clause 1		Address 2 Install start date
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 completion
This Pinnacle Warranty is only valid for applications assistance.	within Canada and USA. All applications outside of Ca	nada and USA are required to contact Longboard fo
Clause 1	of oil, grease, chalk, oxidized film or other contaminants,	The claimant must provide proof of coverage. Claims can be mad by writing to Longboard at the Product Performanc
Extruded Aluminum Profile(s) with Powder Coat Finish Longboard expressly warrants that its product line is free from manufacturing defects in material or workmanship.	corresponding values shall be measured on the control panel. 2.6 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.	Department. After receiving such notice, The Company mus be given a reasonable opportunity to inspect and verify the claim 4.8 Longboard exclusive liability under this warranty, or other- wis
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 associated with the substrate and/or structure to which the Longboard system is attached. For the purpose of this warranty, buckling shall be defined as warping of the product(s) exceeding one sixteenth of an inch out of plane per linear foot. 1.3 Comosion: When installed in normal atmospheric conditions according to Longboard instructions and properly maintained, such product is further guaranteed against rusting and comoding. Subject to the limitations set out in Clause 3 and 4. 1.4 What we will do: If, during the twenty (20) year Limited Warranty either repair or replace the defective portion of the Product.	3.1 Warranty Terms and Conditions: 3.2 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. 3.3 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. 3.4 Normal atmospheric conditions exclude corrosive or aggressive atmospheres such as those contaminated with chemical furnes or other corrosive elements. The product finish	will be limited to refinishing and/or repairing, at The Company sole discretion, the defective powder coated product. Th warranty on any refinished, repaired or replaced coated met supplied hereunder shall be for the remainder of the warrant period applicable to the originally coated metal. All warrant work will be performed by a company or contractor selected b Longboard. Color variance between refinished and/or repainte product and original shall not be indicative of a defect. 4.9 This warranty represents the entire agreement betwee parties in relation to its subject matter and supersedes an previous agreement whether written or oral between the parties in relation to its subject matter. The limited warranties stat the entire liability of Longboard with respect to the product covered by them. The Company shall have no liability for an incidental or consequential damages. No person is authorized to make any representation or warranty on behalf of Longboar except as expressly set forth above, and any such statemen
1.5 What we will do: If, during the fifty (S0) 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. 1.6 After the 20th year, this Limited Warranty on the powder coated finish will expire and shall no longer be applicable. 1.7 After the 50th year, this Limited Warranty on the aluminum extruded profile(s) will expire and shall no longer be applicable. 1.8 Longboard replacement of the defective Product or relmbursement of this Limited Warranty is the exclusive 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.	is not meant for marine use on boats, ships or offshore platforms. The product finish warranties as outlined in Clause 2 shall include coverage of the finish as it relates to the impact effects from hall and woodpecker birds. 3.6 Under no circumstance shall Longboard's liability under this limited 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 Buyer for the specific project. Clause 4 4.1 This warranty will not extend or cover: 4.2 Damages to the coated metal caused by handling, shipping,	shall not be binding on The Company. Except as expressly sr forth above, Longboard makes no warranty of any kind express or implied, including, without limitation, any implie warranty of merchantability or fitness for a particular purpose. Warranties shall be the duration of the limited warranty, or such orter duration as provided under applicable local law. Thes limited warranties give you specific legal rights, and you mat also have other rights which vary from area to area. 4.10 Nothing in this warranty shall be construed as a warranty of the workmanship of any installer or as imposing on Longboard an liability for unsatisfactory performance caused by fault workmanship in installation. 4.11 It's agreed all parties involved that all claims and dispute relating to this agreement that cannot be settled through
Clause 2 Product Finish - AAMA 2605 Performance Specification	processing and/or installation; or 4.3 Damages to the coated metal caused by scratching or abrading after installation; or	negotiation will try in good faith to first settle the dispute in mediation administered by the American Arbitratio Association (Construction Industry Mediation Procedures) as prelude to mandatory binding arbitration. Such bindin
 2.1 During the first twenty (20) years of this warranty: 2.2 Checking/Cracking: No visible checking or cracking of the product finish on the building. 2.3 Chalking Resistance: No chalking of the product finish on the building in excess of that represented by No.8 rating based on ASTM D4214. 2.4 Color Retention: No color change of the product finish on the building greater than 5 (five) CIE Lab \(\triangle \text{L}\) in this calculated in accordance with ASTM 2244 Section 6.3. Color change shall be measured on the exposed paint surface which has been cleaned of oil, grease, chalk, oxidized film or other contrainments, corresponding values shall be measured on the control panel. 2.5 Gloss Retention: Coated surface will exhibit gloss retention of a minimum of 50% of the original. Gloss retention shall be measured on the exposed paint surface which has been cleaned 	4.4 Damages to the coated metal as a result of standing water in horizontal installations. 4.5 The warranty will not be applicable to damage or failure, which is caused by acts of God, falling objects, external forces, explosions, fire, riots, dvil commotion's, acts of war, or other such similar or dissimilar occurrences beyond 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. 4.7 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.	arbitration is to be conducted and administered by the Construction Industry Arbitration Rules of the America Arbitration Association. Both seller and purchaser agree to shar equally in the costs of both mediation and arbitration and the such binding arbitration will be the sole and final remedia action. 4.12 Required Maintenance. Depending on the Project Environment, follow the maintenance schedule as outlined in the Longboard Care & Maintenance Guide. Use a soft sponge of cloth, water and milid detergent, non-abrasive soap with the pH range of 5-9 to clean the powder coated area of dirt, grir and other debris. Pressure washing and the use of hars detergents or chemicals is not recommended. Include in you maintenance records the following: date, time, specifi products used, name of maintenance person and the designation, maintenance company name and general condition of the powder coated finish.
I have read and agree to the terms of the Long powder coated surface and 50 year alumin warranty and acknowledge receipt of a copy of the	um extruded profile(s)	half of Longboard:
Name of owner or contractor:	Name and designation:	Date: