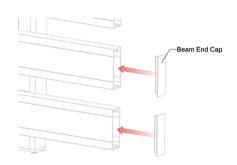
#### TYPICAL ISOMETRICS



#### 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).

PB\_C\_IS\_RC\_V3

#### **ATTACHMENT**

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

(C)

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)

#### **TESTING**

ICC-ESR 4183 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 Product Code: FL42008

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

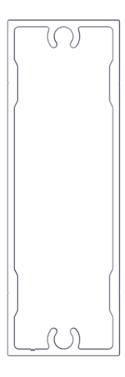


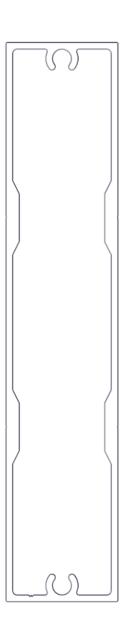
Light reflectance (LRV): 5% (Black) Up to 73.2% (Ultra White)



# **Privacy Beam Cladding**

**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 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. Longboard Cladding is to be installed outboard of a weather resistant barrier, including all flashings, following code, and building requirements.

#### **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: <a href="mailto:info@longboardproducts.com">info@longboardproducts.com</a> 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:

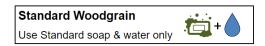
longboardproducts/resources/care-maintenance.com

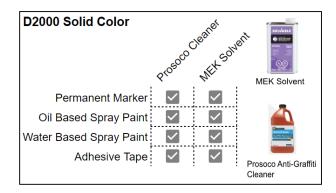
#### Warranty

Upon substantial completion of the project, register for warranty online here: <a href="longboardproducts.com/warranty">longboardproducts.com/warranty</a>
<a href="mailto:ARegistration">ARegistration</a> 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 <a href="longboardproducts.com">longboardproducts.com</a>.

#### **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** 



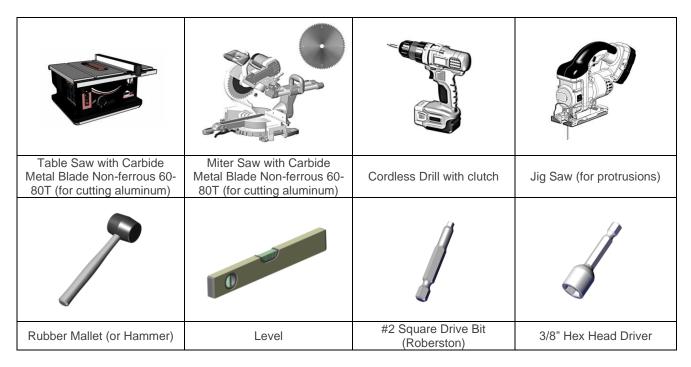
#10 Black Screws -used to secure Single Post End Cap



#### **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).

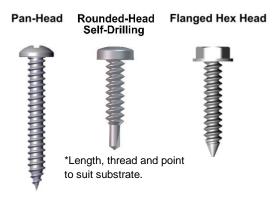
Fasteners must be corrosion resistant and comply with all local building codes.

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

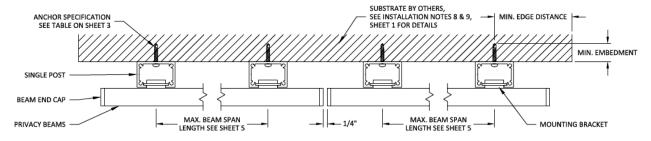
▲ See Appendix for project specific fastener spacing: Table 3

#### **Fastener types**

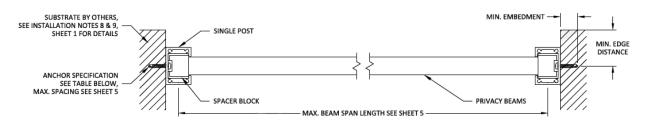
#### **RECOMMENDED**



#### Floating System



#### End Frame System



#### Framing/Furring requirements

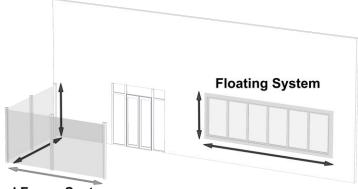
Always consult your local building authority and follow local building code requirements.

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

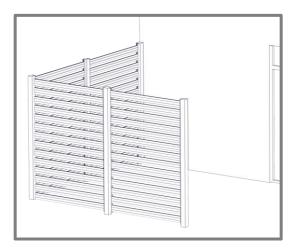
#### System Install

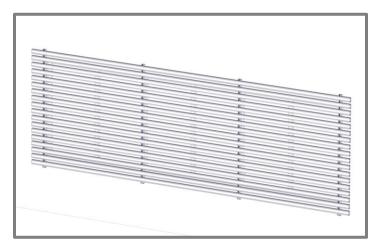
#### Perimeter and field area limitations

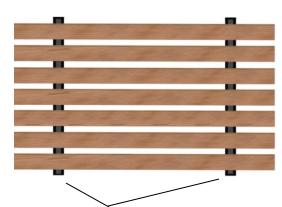
Measure and layout your application area to consider Privacy Beam alignment with fixtures, penetrations, and adjacent walls, for desired appearance. The same methodology applies for vertical installations.



**End Frame System** 







Privacy Beam system requires minimum of two points of attachment.

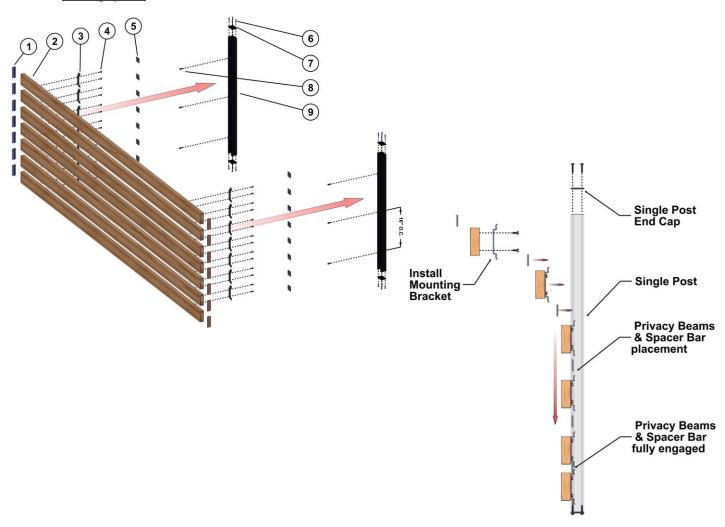


Cantilevers are not to exceed half the allowable span to a maximum of 2'.



#### Component assembly overview

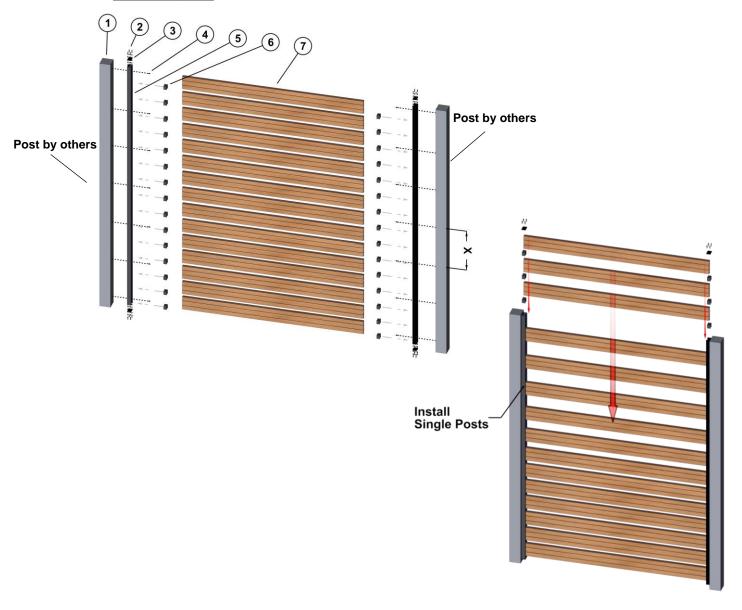
#### Floating system



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



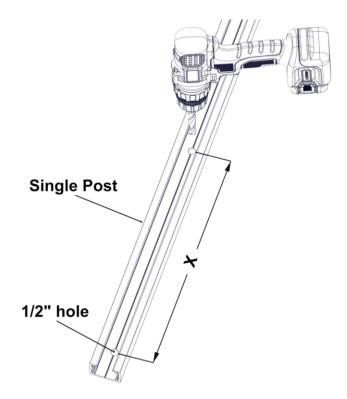
No.	Description	Details	SKU
1	Post or structural member	-By others	N/A
2	#10-1 Pan Head Screw	-For securing the Single Post End caps (sold separately)	PECS
3	Single Post End Cap	-Secured onto the end of the Single Posts	2X2PC.2
4	#12 Fastener (by others)	-Used to secure the Posts to the structure. For 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



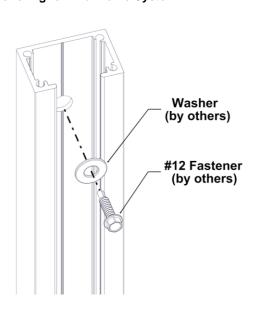
#### Preparation drilling for Install

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.

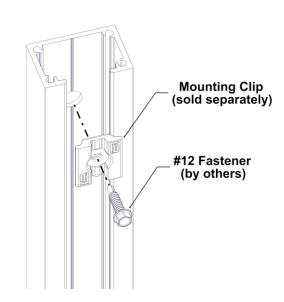
\*For fastener max. spacing (X), see table 3 in Appendix for project specific loading.



#### **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

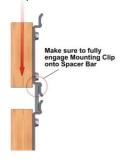
Fasten Mounting **Brackets** onto Privacy Beams at desired spacing for the connection to the Single Posts. Use the Die lines as guides for the Mounting Bracket positioning.



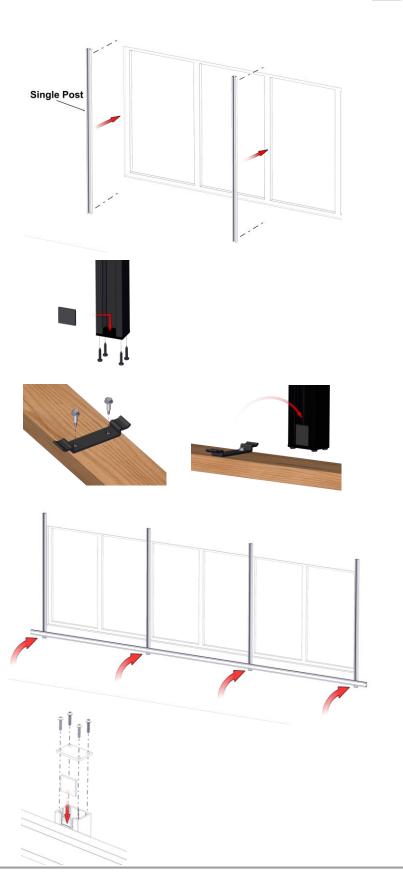
**Cut off Taped/Drilled Privacy Beam** ends (1/2" each end).

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

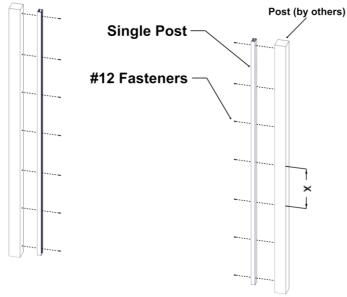
Install bottom Single Post End Cap.

#### Step 2

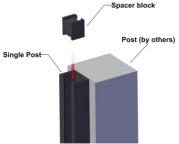
Install predrilled Privacy Posts onto secure structure. It is good practice to check your installation every 2-3 rows for level/plumb and flat/straight, for best result.

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

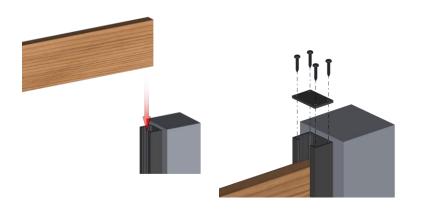
Cut and place Privacy Beam into Single Posts. Then another Spacer Block and Beam and repeat.



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

Step 5

To finish, install the Single Post End Cap.

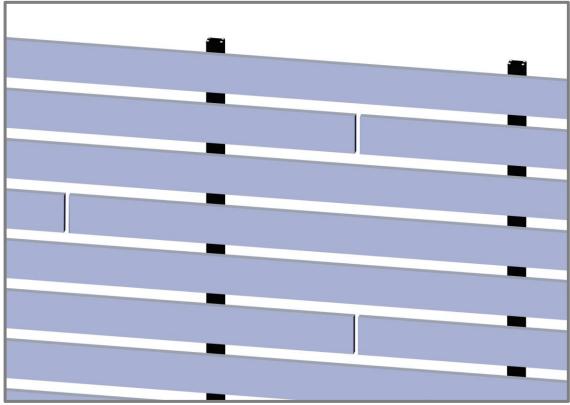




#### Details

#### **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** 



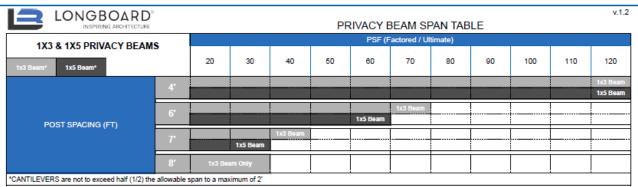
## **Appendix**

## **Expansion and Contraction Tables**

		°C	-50	-40	AVERA	-20	-10	0	10	20	30	40	50
		°F	-58	-40	-22	-4	14	32	50	68	86	104	122
. [	°C	°F				FXPAN	ISION OR C	ONTRACT	ION (INCH	FOOT)			
	-50	-58	0.000	-0.003	-0.005	-0.008	-0.011	-0.014	-0.016	-0.019	-0.022	-0.024	-0.027
ŀ	-40	-40	0.003	0.000	-0.003	-0.005	-0.008	-0.011	-0.014	-0.016	-0.019	-0.022	-0.024
ı	-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
t	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
İ	30	86	0.022	0.019	0.016	0.014	0.011	0.008	0.005	0.003	0.000	-0.003	-0.005
	40	104	0.024	0.022	0.019	0.016	0.014	0.011	0.008	0.005	0.003	0.000	-0.003
	50 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		
			-50 -58	-40 -40							200000000000000000000000000000000000000	0.003 40 104	50 122
LE	≣ 2 - M	etric °c °f	-50	-40	AVERA	-20 -4	-10 14	T TIME OF 0 32	CUTTING 10 50	& INSTALL 20 68	ATION 30	40	50
LE		ETRIC °C	-50	-40	AVERA	-20 -4	-10 14	T TIME OF	CUTTING 10 50	& INSTALL 20 68	ATION 30	40	50 122
LE	E 2 - M °C	°C °F	-50 -58	-40 -40	AVERA -30 -22	GE TEMPE -20 -4 EXPAN	RATURE A -10 14	T TIME OF  0  32  ONTRACTI	CUTTING 10 50 ON (MM/N	& INSTALL 20 68 METER)	ATION 30 86	40 104	50 122 -2.300
LE	°C -50	°C °F °F -58	-50 -58	-40 -40	AVERA -30 -22	-20 -4 EXPAN	-10 14 ISION OR C	T TIME OF 0 32 ONTRACTI	CUTTING 10 50 ON (MM/N	& INSTALL 20 68 METER) -1.610	ATION 30 86	40 104 -2.070	-2.300 -2.070
LE	°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	-10 14 ISION OR 0 -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	
LE	°C -50 -40 -30	°C °F °F -58 -40 -22	-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	ERATURE 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 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 -1.610
LE	°C -50 -40 -30 -20	°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	-0.460 -0.230 0.000 0.230	-20 -4 EXPAN -0.690 -0.460 -0.230 0.000	-10 14 ISION OR 0 -0.920 -0.690 -0.460 -0.230	T TIME OF 0 32 ONTRACTI -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 -1.380
LE	°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	-10 14 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	ATION 30 86 -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
_	°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	ERATURE A -10 14 ISION 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 -0.920
	°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	ERATURE A -10 14 ISION OR C -0.920 -0.690 -0.460 -0.230 0.000 0.230 0.460	T TIME OF 0 32 ONTRACTI -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 -0.690
	°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 ISION OR 0 -0.920 -0.690 -0.460 -0.230 0.000 0.230 0.460 0.690	T TIME OF 0 32 ONTRACTI -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



#### **TABLE 3**



Calculations are using L/180 deflection limits

#### SINGLE POST ANCHOR TABLE

SINGLE FOST ANCHOR TABLE							
			FASTENER SPACING (INCHES)				
SINGLE POST			FLOATING SYS	TEM	END FRAME SYSTEM		
	WOOD	STEEL/ ALUM.	CONCRETE/ CMU	WOOD	STEEL/ ALUM.	CONCRETE/ CMU	
	4"	16"	6"	6"	6"	14"	6"
DOST SPACING (FT)	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 TYPE	SUBSTRATE REQUIREMENTS	ANCHOR DESCRIPTION	MIN. EMBEDMENT	MIN. EDGE DISTANCE
WOOD	Min. specific gravity = 0.55 wood	#12 Wood Screw	1-1/2"	1"
STEEL	Min. 1/16" thick, Min. Fy-36 ksl.	#12 Self-Drilling or Self-Tapping Screw	3 threads penetration past	1/2"
ALUMINUM	Min. 1/8", Min. 6063-T5	(Grade 5)	metal structure	1/2
CONCRETE	Min. 3000 psi	3/16" ITW Tapcon	1-1/2"	2"
HOLLOW/GROUT-FILLED CMU	Conforms to ASTM C-90, with Min. compressive strength of 2000 psi	3 10 11 W Tapcon	1-1/4"	3"

#### 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.
- 8. Installation anchors shall be installed in accordance with anchor manufacturer's installation instructions, and anchors shall not be used in substrates with strengths less than the minimum strength specified by the anchor manufacturer.

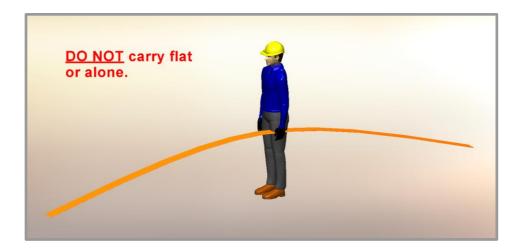


## **Proper Handling of Longboard Products**

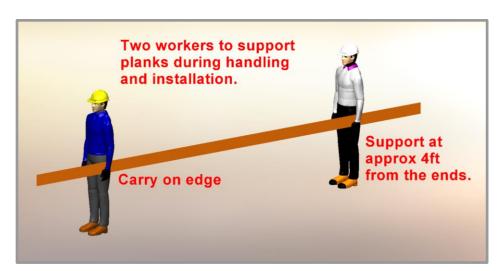


To help avoid injury and product damage, Longboard products require proper handling to and from storage areas during installation. When carrying or installing any products it is recommended that they be moved or carried by at least two people with each support point approximately 4ft from the ends. Carrying 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: <a href="mailto:info@longboardproducts.com">info@longboardproducts.com</a> 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-Groo	ve Planks	* 48 sq. ft. box qu	antities <sup>‡</sup> 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 " Triple	6TB.145	6TB.289	-	_

#### **Castellation Planks**

Size	12′ *	24′ ‡	12' Perf *	24' Perf *
4"	4CA.145	4CA.289	-	-
011		004.000		



V-Groove Planks



Smooth Planks



Channel Planks



Perforated Planks



Bevel **Planks** 



Planks



**Butt Joint** Fastening Kit



Quick Screen Clips





## **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
<b>Touch Up Pens</b> Reach out to confirm color with account manager.	N/A	TUP





Starter J-Track



Traditional Starter Strip



Traditional Back-to-Back Starter Strip



Two-Piece J-Track



Precision J-Track

Precision Outside

Traditional

Craftsman U-Reveal Set

T&G U-Reveal

Craftsman Termination

3" Smooth Corner



Craftsman J-Track

Craftsman

Traditional 3" V Groove Corner

Craftsman T&G U-Reveal



Craftsman Two Piece J-Track



Traditional Two Piece J-Track



Precision





Traditional











Traditional Flat Reveal Set



Flat Reveal Set.



U-Reveal Set

Traditional Offset Termination Base







Traditional Offset Flat Reveal Set,



Termination



Traditional Compression



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	(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

#### 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 Battens				

4	2X4LLHD.145	2X4LLHD.289	ZLLHDEC.4	ZLLHDEM.4
6"	2X6LLHD.145	2X6LLHD.289	2LLHDEC.6	2LLHDEM.6
8"	2X8LLHD145	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 FAST.5003.BOX48 48, bag Link & Lock™ Isolation Washer Dewalt® 1/2" Pilot Point Drill Bit DRILLBT.05 24' Link & Lock Internal Stiffener 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







Mounting Clip Isolation Washer





Dewalt® Drill Bit

Internal Stiifener





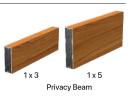
Single / Dual

Fixed / Sliding 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

## **Finishes**

## Woodgrains

Woodgrain	15 Year Finsh Warranty	20 Year Finish Warranty
Beechwood	15BEE	-
Black Oak	15BKO	-
Birchwood	15BWD	-
Blonde Oak	15BOK	-
<b>Burnt Cherry</b>	15BCY	-
Dark Acacia	15DAC	20DAC
Dark Antique Oak	15DAO	-
Dark Bamboo	15DBB	20DBB
Dark Cherry	15DCY	20DCY
Dark Fir	15DFR	20DFR
Dark Knotty Pine	15DKP	20DKP
Dark National Walnut	15DNW	20DNW
Dark Olive	15DOL	-
Dark Walnut	15DWL	-
Driftwood	15DWO	-
Grey Douglas Fir	15GDF	-
Grey Hemlock	15GHL	-
Italian Rosewood	15IRW	20IRW
Light Bamboo	15LBB	20LBB
Light Cherry	15LCY	-
Light Fir	15LFR	20LFR
Light National Walnut	15LNW	-

Woodgrain	15 Year Finsh Warranty	20 Year Finish Warranty
Light Oak	15LOK	-
Light Olive	15LOL	-
National Mahogany	15NMH	20NMH
Rock Elm	15REM	-
Southern Yellow Pine	15SYP	-
Table Walnut	15TWL	20LFR
Western Cedar	15WCD	-
White Oak	15WOK	-

## **Achieve your Vision.**

We offer products in a variety 20+ stocked solid color and 20+ stocked woodgrain and speciality finishes that can be manufactured and shipped timeously.

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.

#### **Solid & Specialty**

15 Year

20 Year

Solid & Specialty	Finsh Warranty	Finish Warranty		
Alabaster	15ALB	-		
Baked Clay	15BCL	-		
Bedrock	15BRK	-		
Biscotti	15BIS	20BIS 20BWH		
Bone White	15BWH			
Brownstone	15BST	-		
Burnt Sienna	15BSN	20BSN		
Chili Pepper	15CHP	20CHP		
Classic Bronze	15CBZ	20CBZ		
Copper Penny	15CPE	20CPE		
Dark Brown	15DBR	20DBR		
Imperial Slate	15 SL	20ISL		
Limestone	15LST	-		
Medium Blue	15MBL	20MBL		
Moonstone	15MOO	20MOO		
Onyx Black	15OBL	200BL -		
Pebble	15PEB			
Portland Stone	15PST	-		
Relicstone	15RST	-		
Shale	15SHA	20SHA		
Slate Grey	15SGR	20SGR		
Ultra White	15UWH	20UWH		
Venus	15VEN	20VEN		

#### **Naturally Aged Metals**

Naturally Aged Metals	Finsh Warranty	Finish Warranty		
Brooklyn	15BRK	-		
Eiffel	15EIF	-		
Empire	15EMP	-		
Golden Gate	15GGA	-		
Liberty	15LIB	-		





Scan the QR code to explore our Finishes on our Website

**Contact us to speak** to a trusted advisor to discuss your project goals and design needs.

# 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 ower 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 stated in the parties in relation to its subject matter. The limited warranties stated in the parties in relation to its subject matter.
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  Warrantles shall be the duration of the limited warranty, or suc  shorter duration as provided under applicable local law. These  limited warrantles 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 ]

War	ranty granted to (building owner):	Product codes: Product desc	ription:			Install contractor	
						Project name	
						Project address	
Com	board Architectural Products Inc. ("Longboard," "The pany") products as identified by the Product Codes d 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 litions set out in Clause 3 and 4 of this Warranty.	Finish:		Date of substantial completion			
	Pinnacle Warranty is only valid for applications stance.	within Canada and USA. Al	l applications outside of Car	nada and USA	A are required to con	itact Longboard fo	
Clau			ized film or other contaminants, e measured on the control panel.		ant must provide proof of cove ng to Longboard at th		
expr	ded Aluminum Profile(s) with Powder Coat Finish Longboard essly warrants that its product line is free from manufacturing tts in material or workmanship.	2.6 Adhesion: Adhesion of produ	ct finish when initially applied to test reference to AAMA 2605-02 Clause	Departmo be given a 4.8 Longboar	ent. After receiving such no a reasonable opportunity to in: d exclusive liability under this	otice, The Company mus spect and verify the claim s warranty, or other- wise	
1.1 1.2	When product is applied according to Longboard instructions and properly maintained, such product is guaranteed against the following: 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	3.1 Warranty Terms and Condition 3.2 The "Warranty Period" for the respective number of yerson commencing on the commencing of the commenc	ons: ne warranties in Clause 1 shall mean rears or for as long as the Covered ne date of substantial completion	sole disc warranty supplied period ap work will Longboan	nited to refinishing and/or reg- retion, the defective powd on any refinished, repaired hereunder shall be for the n pplicable to the originally be performed by a compan d. Color variance between n	ler coated product. The or replaced coated meta- remainder of the warrant coated metal. All warrant by or contractor selected be efinished and/or repainte	
1.3	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, such product is further guaranteed against rusting and	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					
1.4	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,	owner of the structure winstalled.  3.4 Normal atmospheric co	where the product(s) have been conditions exclude corrosive or such as those contaminated with	covered i incidental make an	e liability of Longboard with by them. The Company sha or consequential damages. N y representation or warran	all have no liability for ar lo person is authorized t ity on behalf of Longboar	
1.5	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,	chemical fumes or other con is not meant for marine use of 3.5 The product finish warran	rrosive elements. The product finish on boats, ships or offshore platforms. Ities as outlined in Clause 2 shall sh as it relates to the impact effects	shall not l forth abo express o	s expressly set forth above be binding on The Compan- ove, Longboard makes no or Implied, including, witho	y. Except as expressly se o warranty of any kind out limitation, any implie	
1.6 1.7	either repair or replace the defective portion of the Product.  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	warranty exceed 2.5 times	irds. Longboard's liability under this limited the total corresponding Longboard es tax, labor and installation related	Warrantie shorter di limited wa	of merchantability or fitnes s shall be the duration of the uration as provided under a arranties give you specific	e limited warranty, or suc applicable local law. Thes legal rights, and you ma	
1.8	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 remedy for the Covered Person for any defect in materials or	costs) as noted on the origin Buyer for the specific project Clause 4	nal purchase invoice and paid by the t.	4.10 Nothing ir workman liability f	other rights which vary fron this warranty shall be const iship of any installer or as in for unsatisfactory performa	trued as a warranty of the inposing on Longboard an	
	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.	4.1 This warranty will not extend 4.2 Damages to the coated n processing and/or installati	netal caused by handling, shipping,	4.11 It's agree relating t	iship in installation. ed all parties involved that to this agreement that ca on will try in good faith to fi	nnot be settled throug	
Clau Prod	se 2 uct Finish - AAMA 2605 Performance Specification	<li>4.3 Damages to the coated met after installation; or</li>	tal caused by scratching or abrading	Association	n administered by the on (Construction Industry Mo to mandatory binding a	ediation Procedures) as	
2.1 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.	horizontal installations. 4.5 The warranty will not be ap	etal as a result of standing water in plicable to damage or failure, which d, falling objects, external forces,	arbitration Construct	n is to be conducted ar tion Industry Arbitration in Association. Both seller and	nd administered by th Rules of the America	
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.	explosions, fire, riots, civil co similar or dissimilar occurrer 4.6 Customer shall make avail	mmotion's, acts of war, or other such nees beyond The Company's control. able to The Company the dates of	such bind action.	the costs of both mediation ding arbitration will be the Maintenance. Depend	sole and final remedia	
2.4	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	including details of wash compliance with the clean Required Maintenance se shall demonstrate that the	ed metal, the maintenance records ing and cleaning procedures in ing requirements as stated in the ection of this warranty. Customers a failure of the coated metal was due	Environm Longboar cloth, wa pH range	rent, follow the maintenance s rd Care & Maintenance Guic ter and mild detergent, nor of 5-9 to clean the powder er debris. Pressure washing	schedule as outlined in th de. Use a soft sponge on abrasive soap with th coated area of dirt, grir	
2.5	other contaminants, corresponding values shall be measured on the control panel.  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		riting to Longboard within 30 days m and authorization obtained prior to	detergen maintena products designati	ts or chemicals is not recor nace records the followin used, name of mainte on, maintenance company of wder coated finish.	mmended. Include in you ng: date, time, specif nance person and the	
ı	have read and agree to the terms of the Long powder coated surface and 50 year alumin varranty and acknowledge receipt of a copy of t	um extruded profile(s)	Duly authorized on bel	aalf of Longho	nand:		
	Name of owner or contractor:	Date:	Name and designation:	<i>5. 2011900</i>	Date:		
	Signature:		Signature:				