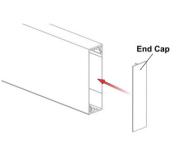
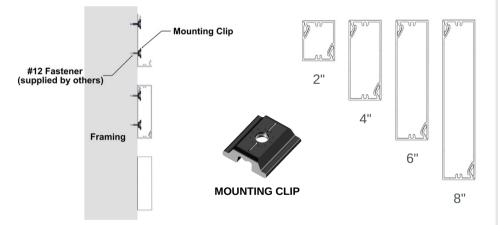


TYPICAL ISOMETRICS



TYPICAL SECTIONS



PROFILES

1-5/8" X 2", 4", 6", 8" Standard lengths: 24'

COMPONENTS

End Caps, Mounting Clips.

ATTACHMENT

Fasten w. #12 screws* @ 6' o.c. using mounting clips. (*Not included) See install guide for details.

FINISHES

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

BIM & CAD

RVT & DWG files available, see our website for details.

LEAD TIME

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



LONGBOARD
INSPIRING ARCHITECTURE

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): 0.93 (2"); 1.3 (4"); 1.5 (6"); 1.9 (8")

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 Building Code - Building

Florida Building Code - Residential

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



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



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

L&L_WALLS_IS_RB_V2



Interior





Table of Contents

Material Specifications	3
Finishes	3
Expansion and contraction	3
Material ordering and deliveries	3
Storage and handling	3
Cleaning	3
Warranty	3
Components	4
Components (Typical)	4
Tools/Cutting/Fastening	5
Tools	5
Cutting	5
Fastening	6
Fastener types	6
Framing requirements	7
System Install	8
Install techniques/tips/details	8
Typical dimensions	8
Butt-Joints	9
System layout and Install steps	10
Perimeter and field area limitation	ns 10
Preparation drilling for Install	11
Batten orientation	12-13
Fin orientation	14
End to End orientation	15-16
Large spans with Stiffener	17-19
Appendix	20
Tables - Expansion & contraction	20
Tables - Allowable Attachment Span	21-22
Handling and care of products	23
Contact Info	24

Material Specifications

Finishes

- Longboard Products are available in a wide range of woodgrains and solid colors
- Custom solid colors are available upon request

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

Expansion & Contraction

Link & Lock 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, Link & Lock Fins/Louvers/Battens should be installed with staggered butt-joints, leaving a 1/4" (6mm) min. gap, every 24' (7.3m) min.

Alternatively, staggered lap-joints are an option for a continuous appearance, however 1/4" (6mm) gaps should be left at each joint to allow for thermal movement. Be sure to lap joints by 2' (610mm) minimum over the back "L". See **Appendix for Tables 1 & 2**, expansion/contraction calculations per foot/meter of material.

Material Ordering & Delivery

•	Packaging:	Link & Lock is sold by the set (pair) and in widths of 2", 4", 6", 8" End caps are sold by the box: 20 caps/bx End Mounts are sold by the box: 20 mounts/bx Stiffener is sold in 24' lengths (includes Double-sided Tape)
•	Shipping:	Lead time is 3-6 business days* + shipping (*subject to change), delivered on 24' (7.3m) long skids weighing up to 2000 lbs. A mechanical lift with forks is required on site to receive the order.
•	QC:	Always inspect the delivery for damage and contact LB ASAP if there are any issues: info@longboardproducts.com or 1-800-604-0343 and include your PO# and any pictures if possible. Mark the delivery receipt as "damaged" and accept the delivery as-is. Longboard is not responsible for the installation of blemished or damaged material.

Storage & Handling

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

Cleaning Recommendations

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

See Cleaning Guide for full requirements: longboardproducts.com

№ NEVER use aggressive acid or alkaline cleaners on Longboard finishes. Do not use cleaners containing Trisodium Phosphate, Phosphoric Acid, Hydrochloric Acid, Hydrofluoric Acid, Fluorides, or any other compound that is known to react with metal.

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

Warranty

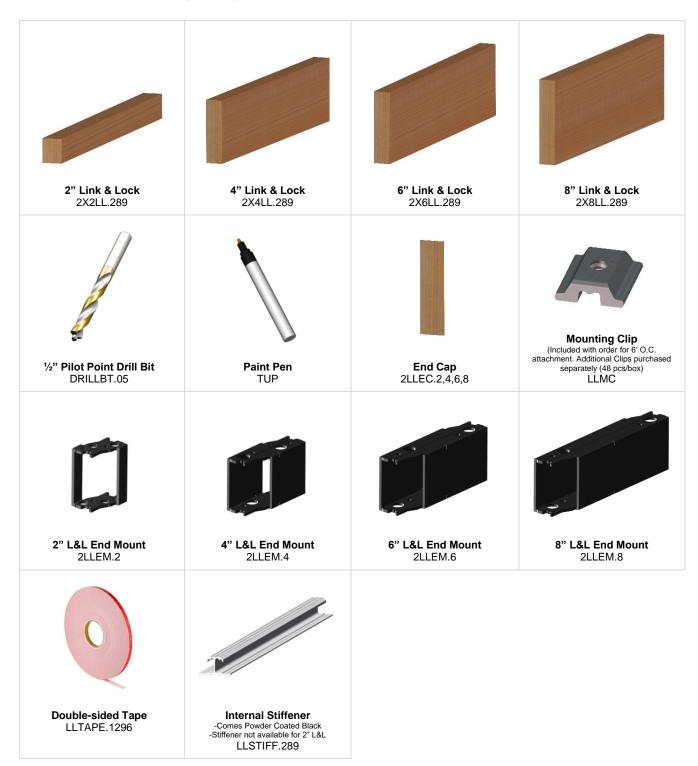
Upon substantial completion of the project, register for warranty online here: longboardproducts.com/warranty
Negistration is required for the warranty to be in effect.

Link & Lock Installation Guide 3

Components

Components (Typical)

The Link & Lock system consists of two (2) matching L-shaped extrusions, snapped together to make a complete set. For all LB components go to <u>longboardproducts.com</u>.

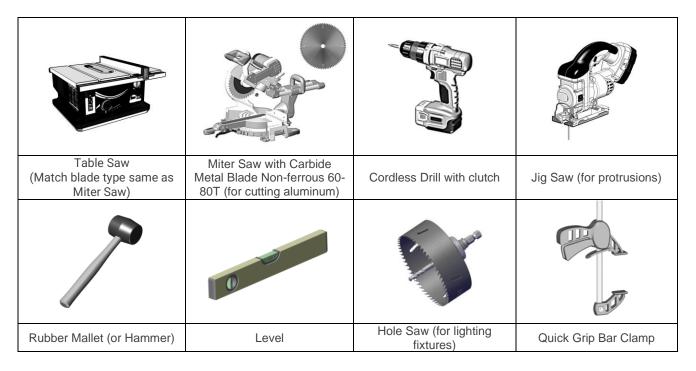




Tools/Cutting/Fastening

Tools

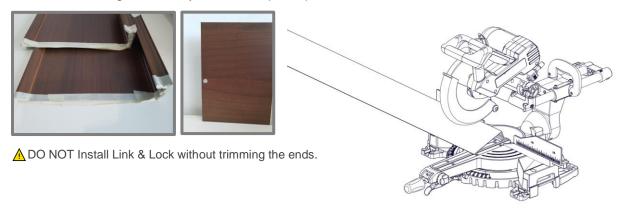
Commonly used tools for Link & Lock install.



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 Link & Lock consists of two (2) matching L-shaped extrusions, snapped together to make a complete set. The back "L" is mechanically fastened to the substrate, using Longboard Mounting Clips fastened every 6-8' O.C. up to 12ft when using Stiffeners with #12 sharp-point screws (for wood substrates) or self-drilling (for metal substrates). The Mounting Clips are included in the order for 6' spacings.

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.

Layout and predrill the back "L" at all fastener locations.

Refer to Preparation drilling for Install for hole dimensions and further details.

▲ See Appendix for project specific fastener spacing:

Allowable Span - Tables 3-9

Fastener types

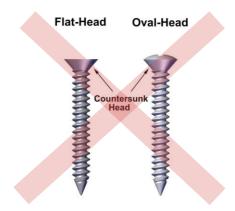
RECOMMENDED





End Mount Pan Head Hex Head 2" #10 4" #12 #12 6" #12 #12 8" #12 #12

DO NOT USE





Framing requirements

Always consult your local building authority and follow local building code requirements. See Typical dimensions for sizes and weights of the L&L system.

Wood Framing

• Size: 2x4 minimum

• Spacing: 16" (406mm) O.C.

Metal Framing

Gauge: 18 ga. minimumSpacing: 16" (406mm) O.C.

Concrete/CMU

Wood or metal furring is recommended over concrete and CMU.

Wood Furring:

• Size: 2x2 minimum

• Type: Pressure treated lumber

• Spacing: 16" (406mm) O.C.

Metal Furring:

Size: 18 ga. minimum

• Type: Hat channel, c-stud, or z-furring.

• Spacing: 16" (406mm) O.C.

System Install

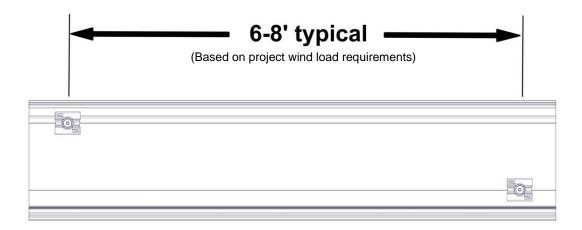
Install techniques/tips/details

Typical dimensions

• Longboard Link & Lock system typical dimensions:

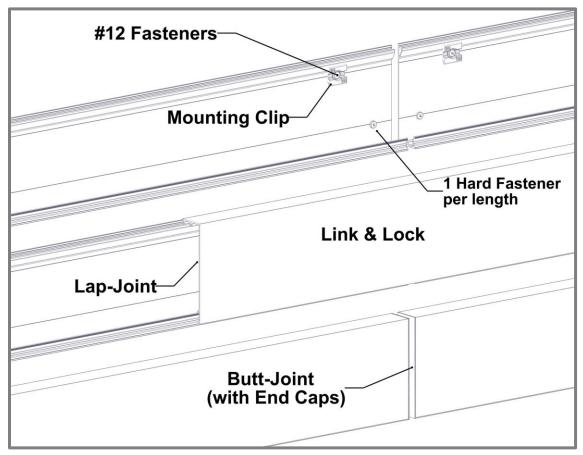
L&L	Width	Depth	Length	Weight(lbs/ft) *per set
2"	2" (50.8mm)	1 5/8" (41.3mm)	24'	0.93
4"	4" (101.6mm)	1 5/8" (41.3mm)	24'	1.3
6"	6" (152.4mm)	1 5/8" (41.3mm)	24'	1.6
8"	8" (203mm)	1 5/8" (41.3mm)	24'	1.9

- Longboard Products are not recommended for use on marine applications in direct contact with salt water.
- Link & Lock is an open-joint system which is required to be installed outboard of a weather resistant barrier, including all flashings, following code, and building requirements.
- It is good practice to leave a 1/4" (6mm) gap between every component joint or 24' (7.3m) to allow for expansion & contraction. Consider the joints where components meet each other to dictate which component is installed first (eg: right angle butt joints, mitered joints etc.).
- Mounting Clips allow for movement of the battens, to expand & contract during thermal changes.
- Fasten Mounting Clips every 6-8' typical (based on project wind load requirements), alternating from top to bottom for battens using die lines for guides.





- ◆ BUTT-JOINTS. When installing butt-joints, ensure to leave a 1/4" (6mm) min. gap. every 24' (7.3m) min. (See Detail A). Fasteners should be anchored into a solid secure framing member, blocking, furring strip, or backer plate, etc.
- ▲ LAP-JOINTS. When installing lap-joints, ensure to leave a 1/4" (6mm) min. gap. every 24' (7.3m) min.
 (See Detail A). Fasteners should be anchored into a solid secure framing member, blocking, furring strip, or backer plate, etc.
- If needed, use touch-up paint pens (purchased separately) to finish the ends at the butt-joint or lap-joint.
- It is good practice to hard-fasten each back "L" directly through the center, to keep the battens from migrating.
- DO NOT hard-fasten more than one (1) location per batten.



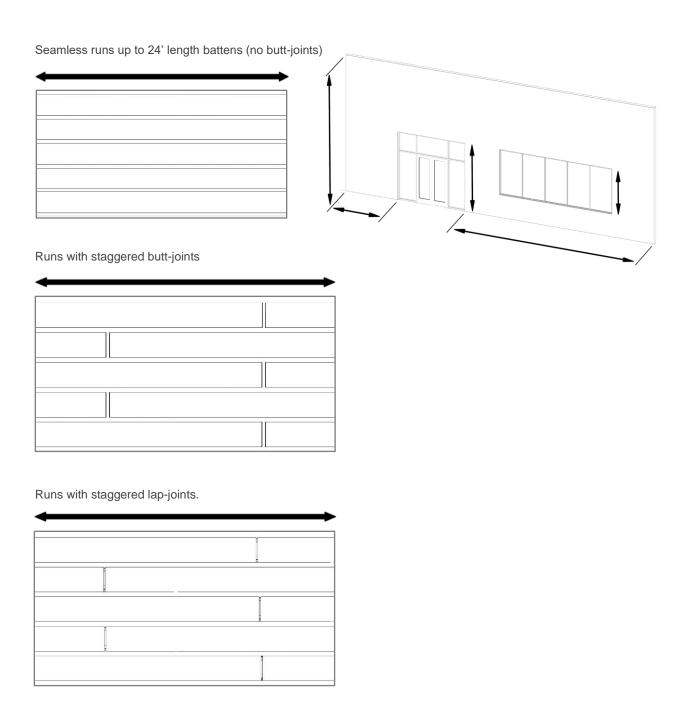
Detail A



System layout and Install steps

Perimeter and field area limitations

Measure and layout your wall area to consider Link & Lock alignment with fixtures, penetrations, and adjacent walls, for desired appearance. The same methodology applies for vertical installations.





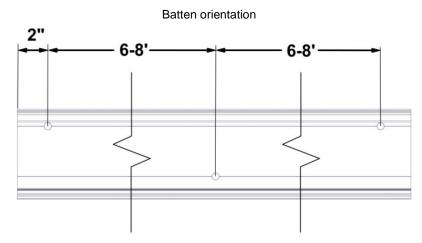
Preparation drilling for Install

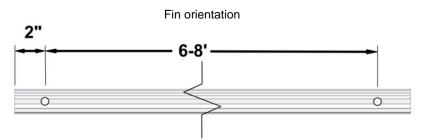
To prepare Link & Lock for install layout and predrill the back "L" with 1/2" holes every 6-8' O.C. typical, with the first hole 2" in from the end to allow space for the End Cap.

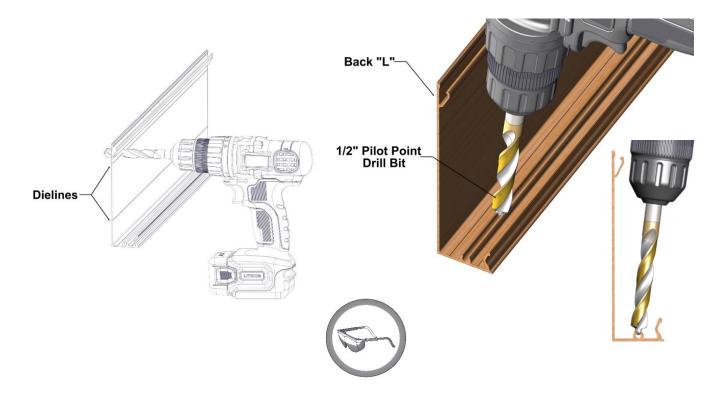
For the Batten orientation, alternate the holes from top to bottom using the Dielines for guides.

For Fin orientation, use Pilot Point Drill Bit (see below) as recommended for ease of drilling.

See Appendix for project specific fastener spacing:
Allowable Span - Tables 3-9



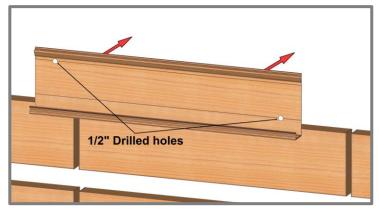




Install Batten orientation

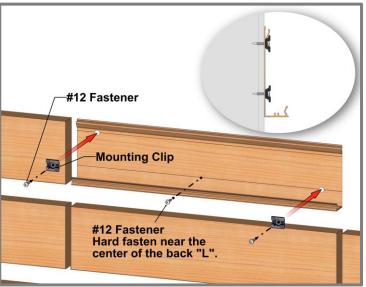
Step 1

Place predrilled Link & Lock back "L" into position (Drilling page 11). It is good practice to check your installation every 2-3 rows for level/plumb and flat/straight, for best results.



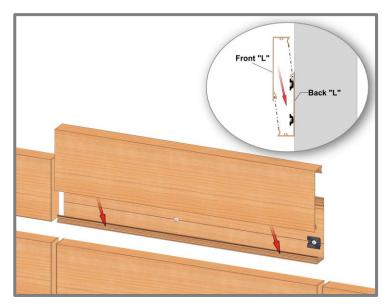
Step 2 Install back "L" using #12 Fasteners and Mounting Clips every 6-8' O.C. typical.

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.



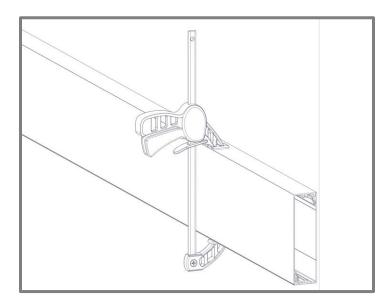
Step 3 Install front "L" and snap it into place, aligning it with ends and joints.

If necessary, use a rubber mallet or hammer and block to protect the finish.





Step 3.1 Use clamps with rubber pads as common practice to securely snap the front "L" onto the back "L".



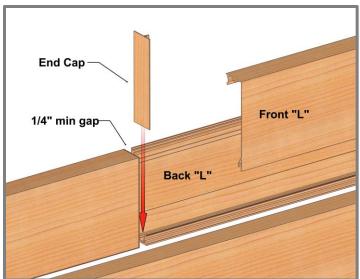
Step 4

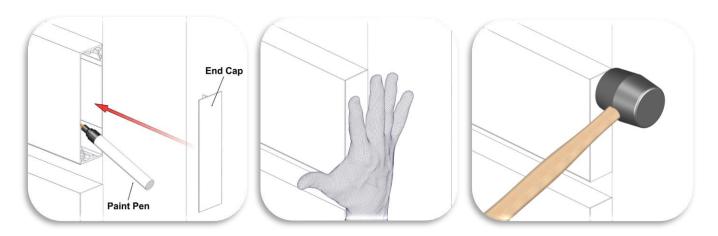
Install End Caps, which are friction fit, by pressing them into place using the palm of your hand. If necessary, use a rubber mallet to snap them into place. See below images.

Use paint pens to coat Link & Lock cut ends that may show slightly beyond the End Caps.

Consider your application sequence of the End Caps before installing adjacent Link & Lock members, as they may limit the space needed to insert the caps. In this situation you may need to install the caps first then the front "L" as seen in the image to the right.

⚠TIP: Use shim to hold/secure cap while snapping in the front "L".



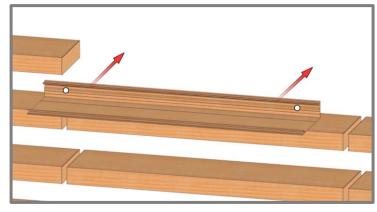




Install Fin orientation

Step 1

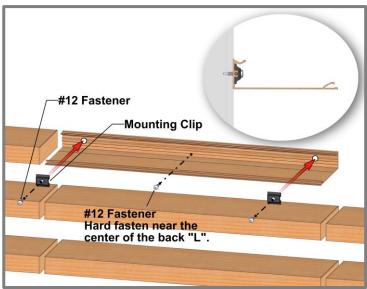
Place predrilled Link & Lock back "L" into position (Drilling page 11). It is good practice to check your installation every 2-3 rows for level/plumb and flat/straight, for best results.



Step 2

Install back "L" using #12 Fasteners and Mounting Clips every 6-8' O.C. typical.

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.



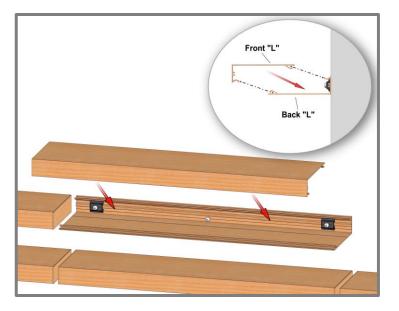
Step 3

Install front "L" and snap it into place, aligning it with ends and joints.

If necessary, use a rubber mallet or hammer and block to protect the finish.

Step 4

Refer to Page 13 for End Cap install and considerations.





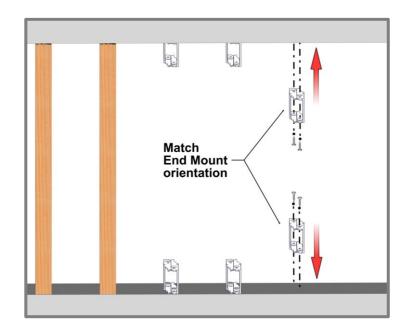
Install End to End orientation

Note: Use Tables 3-9 in Appendix for Allowable Span for Wind Loading.

Step 1

Place End Mounts into position at the top and bottom of the install. It is good practice to check your installation every 2-3 rows for level/plumb and flat/straight, for best results.

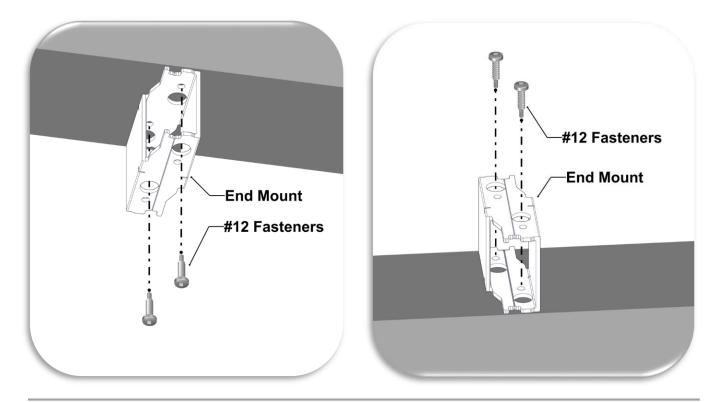
Fastener Types for End Mounts				
End Mount	Pan Head	Hex Head		
2"	#10	\nearrow		
4"	#12	#12		
6"	#12	#12		
8"	#12	#12		



Step 2

Install the End Mounts using #12 Fasteners (#10 for 2" End Mount). Make sure to match the orientation of the End Mounts so the Link & Lock set matches on the top and the bottom. See above for **Fastener Types for End Mounts**.

▲ TIP: Check the position of the End Mounts once installed to allow a plumb and straight look.





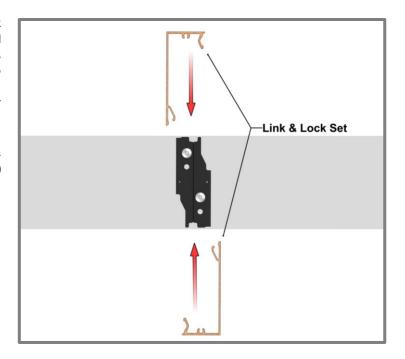
Step 3

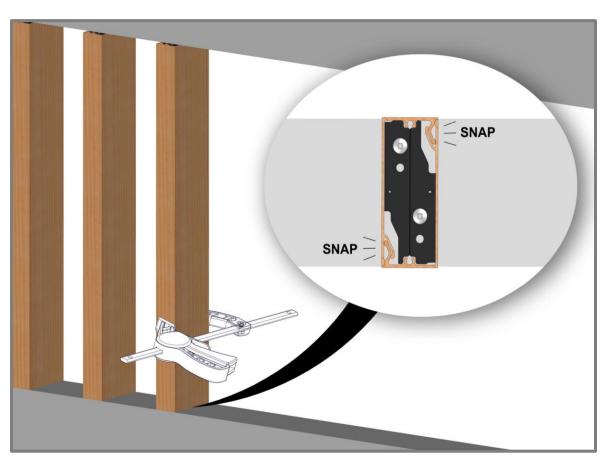
Measure, cut and install Link & Lock Set and snap it into place onto the End Mounts. Use clamps with rubber pads as common practice to securely snap the front "L" onto the back "L".

If necessary, use a rubber mallet or hammer and block to protect the finish.

↑TIP: When measuring the Link & Lock, make sure to leave a gap (~1/4") for expansion and building movement.



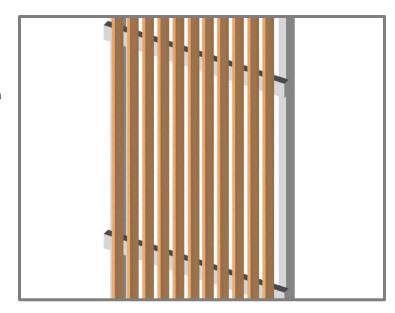




Large spans with Internal Stiffener

- Requirements for large spans:
- Two Mounting Clips with #12 fasteners are used at both ends with a minimum distance apart of 5" O.C.
- An Internal Stiffener is added to reinforce the Link & Lock set for spans up to 12' max @30psf.
- Stiffener must be one continuous member from attachment to attachment.
- Double-sided Tape is used to place the Stiffener onto the Link & Lock.
 The tape is placed on the center of the Stiffener and then pressed onto far end of the back "L" as shown on page 18.

See Appendix for allowable spans for project specific wind load. Allowable Span - Tables 3-9

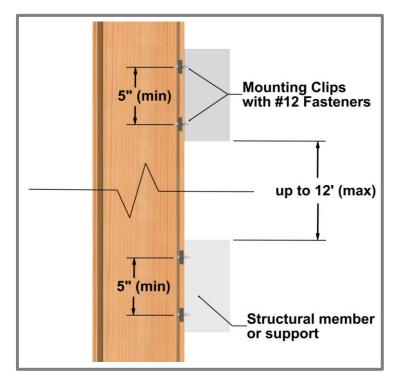


Step 1

Place predrilled Link & Lock back "L" into position (Drilling page 11). It is good practice to check your installation every 2-3 rows for level/plumb and flat/straight, for best results.

Step 2 Install back "L" using #12 Fasteners and Mounting Clips at end attachment points with a minimum distance apart of 5" O.C.

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



Link & Lock Installation Guide



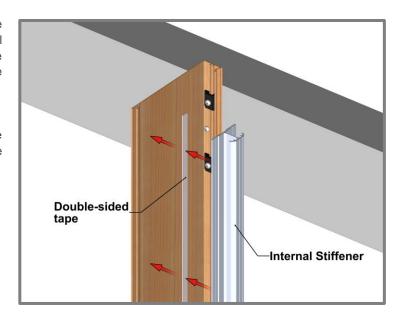
Step 3

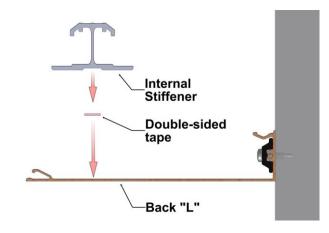
Peel and place the Double-sided tape onto the back of the Stiffener O.C. Peel the second side and install the Stiffener as shown in the image pressing down to adhere to the tape.

Note: Install Stiffener 1" (min) from the end of the L&L to allow space for the End Cap as seen below.



Make sure the Stiffener is located at the end of the back "L" and the tape is in the center of the stiffener.

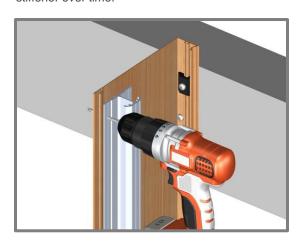


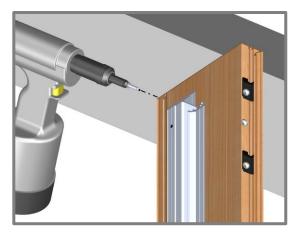


Step 4

-Fastening Stiffener in Fin orientation

Mechanically fasten the Stiffener to the back "L" using 1/8" Dome Head Rivets (Aluminum). Drill the flange of the Stiffener using a 1/8" Drill bit and fasten two Rivets at the top or one end to mitigate movement of the stiffener over time.

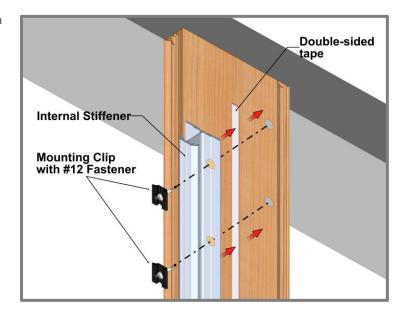






Step 4.1
-Fastening Stiffener Batten orientation
Mechanically fasten the Stiffener to

Mechanically fasten the Stiffener to the back "L" using the Mounting Clips and #12 Fasteners. Refer to Step 2, Page 12 for mounting.



Step 5
Refer to Step 3 & 4 on Page 12-13 for
Front "L" and End Cap install and
details.



Appendix

Expansion and Contraction Tables

		°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				FXPAN		CONTRACT	ION (INCH				
	-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
Ì	20	68	0.019	0.016	0.014	0.011	0.008	0.005	0.003	0.000	-0.003	-0.005	-0.008
Ī	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
-						057,057,057							
	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
SLE		ETRIC			AVERA	GE TEMPE	RATURE A	T TIME OF	CUTTING	& INSTALL	ATION		
			-50 -58	-40 -40							200000000000000000000000000000000000000	0.003 40 104	50 122
LE	Ē 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	
LE	€ 2 - M °C	°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 -2.300
LE	°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	& 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	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
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	-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 -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	SION OR C -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	SION OR C -0.920 -0.690 -0.460 -0.230 0.000	T TIME OF 0 32 ONTRACT -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	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 -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	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	-2.3000 -2.0700 -1.8400 -1.6100 -1.3800 -1.1500 -0.9200 -0.6900
	°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



TABLE 3

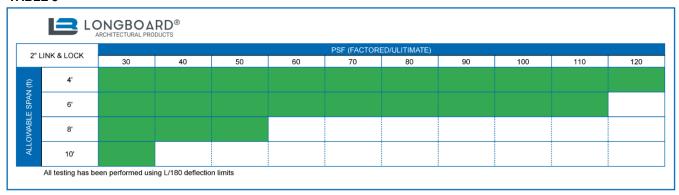


TABLE 4

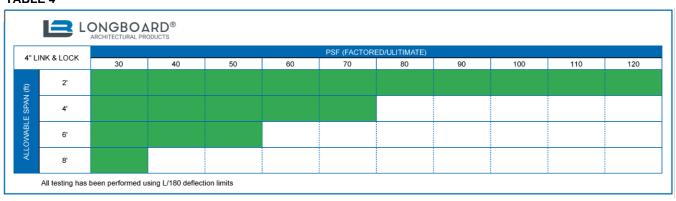


TABLE 5

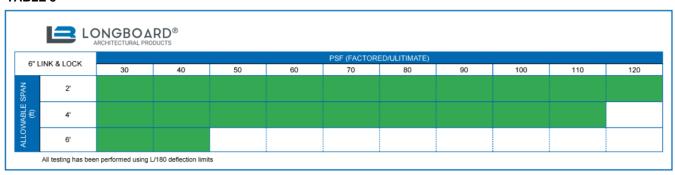


TABLE 6

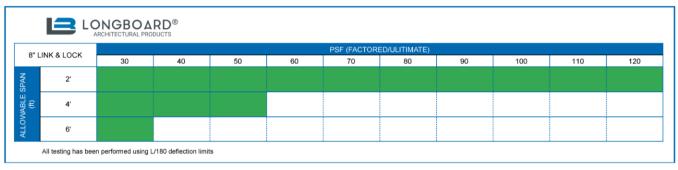




TABLE 7

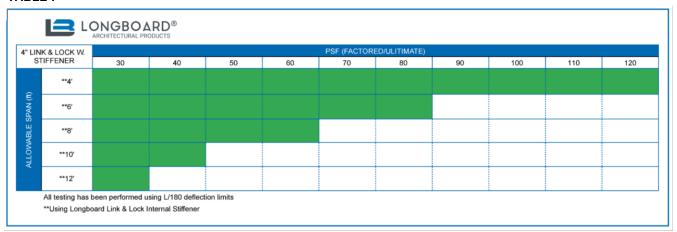


TABLE 8

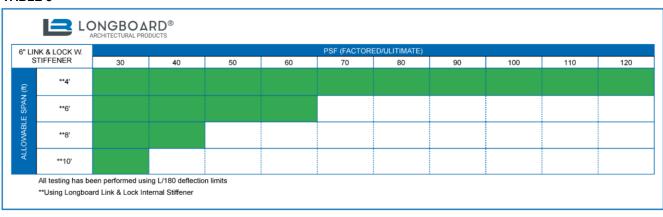
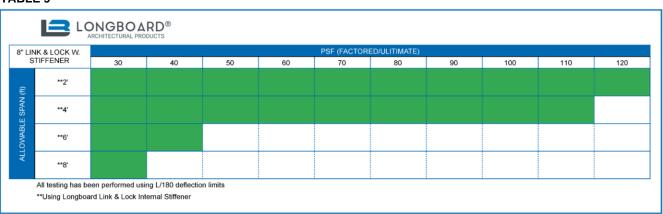


TABLE 9



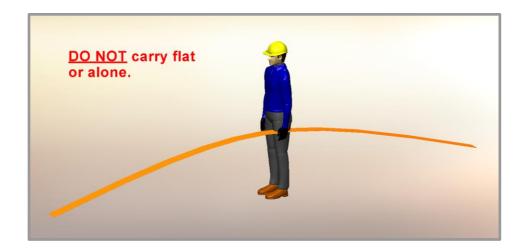


Proper Handling of Longboard Products

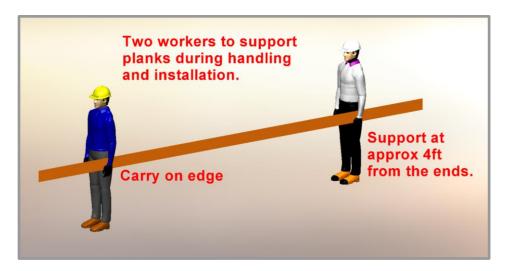


To help avoid injury and product damage, Longboard products require proper handling to and from storage areas during installation. When carrying or installing any products it is recommended that they be moved or carried by at least two people with each support point approximately 4ft from the ends. Carrying 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.

Link & Lock Installation Guide 23



Longboard Architectural Products Inc.
© Longboard Architectural Products Inc. All rights reserved.

Longboard® is a registered trademark of Longboard Architectural Products Inc.

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

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



Interior Products

Order Information

Tongue & Groove Systems

V-Groove Planks		* 48 sq. ft. bo.	x quantities 🍍 96 s	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	-	-	
8"	8CA.145	8CA.289	-	-	

Accessories

Product	Qty	SKU
Quick Screen Clips	1750, box	CLIP.N1750
Quick Screen Clips	100, bag	CLIP.N100
Touch Up Pens Reach out to confirm color with account manager.	N/A	TUP

Acoustical Soundtex® Scrim

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



Planks



Castellation Planks



V-Groove Planks



Planks



Perforated Planks



Channel Planks

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'	1JT23.145
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



Starter J-Track

Precision J-Track

Precision Outside

3" Smooth

Craftsman U-Reveal Set

T&G U-Reveal

Craftsman

Termination



Traditional Starter Strip

Craftsman J-Track

Craftsman

Inside Corner

3" V Groove



Back-to-Back Starter Strip





Traditional Two Piece J-Track







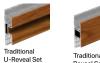




Precision Flat Reveal



Traditional



Traditional Flat Reveal Set



Traditional Offset Flat Reveal Set, J-Track Base

Craftsman T&G U-Reveal



Traditional



Traditional Offset Flat Reveal Set, Termination Base



Traditional Compression



Link & Lock™ Battens

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



4 x 6" 4X6LL.145



4LLEC.6

Link & Lock ™ Box Battens

4X6LL.289

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





Link & Lock™ HD Batten

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



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



Privacy Beam

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" v 6"	Ream	2X6B 145	2X6CB 289	2BEC 6

Hanger Bracket Mounting System

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

Clip Mounting System

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

[△]Includes 7 Eye-Bolts with T-Nuts



Clip Assembly



Hanger Bracket Assembly

Finishes

Woodgrains

Woodgrain	15 Year Finsh Warranty	20 Year Finish Warranty
Beechwood	15BEE	-
Black Oak	15BKO	-
Birchwood	15BWD	-
Blonde Oak	15BOK	-
Burnt Cherry	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	-
Gir ey Douglas	15GDF	-
Grey Hemlock	15GHL	-
Italian Rosewood	15IRW	20IRW
Light Bamboo	15LBB	20LBB
Light Cherry	15LCY	-
Light Fir	15LFR	20LFR
Light National Walnut	15LNW	-
Light Oak	15LOK	-
Light Olive	15LOL	-
National Mahogany	15NMH	20NMH
Southern Yellow Pine	15SYP	-
Table Walnut	15TWL	20LFR
Western Cedar	15WCD	-
White Oak	15WOK	-

Solid & Specialty

Solid & Specialty	15 Year Finsh Warranty	20 Year Finish Warranty
Anodic Ice	15AIC	20AIC
Biscotti	15BIS	20BIS
Black	15BLA	20BLA
Bone White	15BWH	20BWH
Brick Red	15BRD	20BRD
Burnt Sienna	15BSN	20BSN
Canyon Vista	15CVI	20CVI
Ceramic Clay	15CCL	20CCL
Charcoal	15CHA	20CHA
Chili Pepper	15CHP	20CHP
Classic Bronze	15CBZ	20CBZ
Copper Penny	15CPE	20CPE
Dark Brown	15DBR	20DBR
Graphite	15GRA	20GRA
Medium Blue	15MBL	20MBL
Moonstone	15MOO	20MOO
Old Navy	150NA	200NA
Onyx Black	150BL	200BL
Platinum Ice	15PIC	20PIC
Slate Grey	15SGR	20SGR
Ultra White	15UWH	20UWH
Venus	15VEN	20VEN

Naturally Aged Metals

Naturally Aged Metals	15 Year Finsh Warranty	20 Year Finish Warranty
Carbon Mist	15CMI	-
Molten	15MOL	-
Smokey Topaz	15STO	-
Toasted Mocha	15TMO	-

Example of complete product SKU

6V.289.15DFR

(Product.Length.Finish)

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

Woodgrains

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



Light National Table Walnut

Old Navy

Smooth Satin

Solid

Medium Blue

Smooth Satin

Solid

Brick Red

Smooth Satin

Solid

Chilli Pepper

Smooth Satin

Solid

Walnut

Solid

Solid & Specialty

Dark Knotty

Southern

Yellow Pine

Light Olive

Dark Olive



Sand Drift

Italian

Rosewood

Dark Walnut

Dark National

Walnut



Metal







Metal



Textured Matte Naturally Aged







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

Install contractor Warranty granted to (building owner): Product codes: Product description: Project name Longboard Architectural Products Inc. ("Longboard," "The Company") products as identified by the Product Codes listed will conform to the standards set out in Clause 1 and Clause 2 of this Warranty, subject to the terms and conditions set out in Clause 3 Finish: and 4 of this Warranty. The claimant must provide proof of coverage. Claims can be be measured on the exposed paint surface which has been cleaned of oil, grease, chalk, oxidized film or other ${\bf Extruded\ Aluminum\ Profile(s)\ with\ Powder\ Coat\ Finish}$ made by writing to Longboard at the Product Performance Longboard expressly warrants that its product line is free from Department. After receiving such notice, The Company contaminants, corresponding values shall be measured on manufacturing defects in material or workmanship. the control panel. must be given a reasonable opportunity to inspect and verify Adhesion: Adhesion of product finish when initially applied 1.1. When product is applied according to Longboard to test panels and measured by reference to AAMA 2604-Longboard exclusive liability under this warranty, or otherinstructions and properly maintained, such product is 02 Clause 7.4.2 will show no removal of the film. wise, will be limited to refinishing and/or repairing, at The guaranteed against the following: Company's sole discretion, the defective powder coated Buckling: The product itself will be free of any buckling that 1.2 product. The warranty on any refinished, repaired or re-Clause 3 is not associated with the substrate and/or structure to placed coated metal supplied hereunder shall be for the which the Longboard system is attached. For the purpose remainder of the warranty period applicable to the originally coated metal. All warranty work will be performed by a com-Warranty Terms and Conditions: of this warranty, buckling shall be defined as warping of the The "Warranty Period" for the warranties in Clause 1 shall product(s) exceeding one sixteenth of an inch out of plane pany or contractor selected by Longboard. Color variance mean the respective number of years or for as long as the per linear foot. between refinished and/or repainted product and original shall not be indicative of a defect. Covered Person commencing on the date of substantial Corrosion: When installed in normal atmospheric conditions completion named above shall live and own the property on according to Longboard instructions and properly main-This warranty represents the entire agreement between which the material was originally installed. tained, such product is further guaranteed against rusting and corroding. Subject to the limitations set out in Clause 3 Registration of the product is required within ninety (90) parties in relation to its subject matter and supersedes any days from substantial completion for the warranty to be in previous agreement whether written or oral between the parties in relation to its subject matter. The limited warraneffect. This warranty is valid for the original owner and one What we will do: If, during the fifteen (15) year Limited Warties state the entire liability of Longboard with respect to other subsequent owner of the structure where the ranty Period on the powder coating finish, the Product is the products covered by them. The Company shall have product(s) have been installed. defective in material or workmanship, Longboard will, in its no liability for any incidental or consequential damages. No Normal atmospheric conditions exclude corrosive or agsole discretion, either repair or replace the defective portion person is authorized to make any representation or wargressive atmospheres such as those contaminated with chemical fumes or other corrosive elements. The product of the Product. ranty on behalf of Longboard except as expressly set forth What we will do: If, during the fifty (50) year Limited Warran-1.5 above, and any such statement shall not be binding on The Company. Except as expressly set forth above, Longboard finish is not meant for marine use on boats, ships or offshore ty Period on the extruded aluminum profiles, the Product is platforms. defective in material or workmanship, Longboard will, in its makes no warranty of any kind, express or implied, including, The product finish warranties as outlined in Clause 2 shall sole discretion, either repair or replace the defective portion without limitation, any implied warranty of merchantability or include coverage of the finish as it relates to the impact of the Product. fitness for a particular purpose. Warranties shall be the duraaffects from hail and woodpecker birds. After the 15th year, this Limited Warranty on the powder tion of the limited warranty, or such shorter duration as pro-3.6 Under no circumstance shall Longboard's liability under this coated finish will expire and shall no longer be applicable. limited warranty exceed 2.5 times the total corresponding vided under applicable local law. These limited warranties 1.7 After the 50th year, this Limited Warranty on the aluminum Longboard material cost (excluding sales tax, labor and ingive you specific legal rights, and you may also have other extruded profile(s) will expire and shall no longer be rights which vary from area to area. Nothing in this warranty shall be construed as a warranty of stallation related costs) as noted on the original purchase invoice and paid by the Buyer for the specific project. Longboard replacement of the defective Product or 18 the workmanship of any installer or as imposing on Longreimbursement of this Limited Warranty is the exclusive board any liability for unsatisfactory performance caused by Clause 4 remedy for the Covered Person for any defect in materials or faulty workmanship in installation. workmanship. The Company will pay for all reasonable costs It's agreed all parties involved that all claims and disputes This warranty will not extend or coverincluding material and labor as it relates to the repair and / or relating to this agreement that cannot be settled through Damages to the coated metal caused by handling, shipping, 4.2 replacement of the defective Product. processing and/or installation; or negotiation will try in good faith to first settle the dispute by mediation administered by the American Arbitration 4.3 Damages to the coated metal caused by scratching or abrading after installation; or Clause 2 Association (Construction Industry Mediation Procedures) Product Finish - AAMA 2604 Performance Specification 4.4 Damages to the coated metal as a result of standing water in as a prelude to mandatory binding arbitration. Such bindhorizontal installations. ing arbitration is to be conducted and administered by the During the first fifteen (15) years of this warranty: Construction Industry Arbitration Rules of the American The warranty will not be applicable to damage or failure, which is caused by acts of God, falling objects, external 2.2 Checking/Cracking: No visible checking or cracking of the Arbitration Association. Both seller and purchaser agree to product finish on the building. Chalking Resistance: No chalking of the product finish on forces, explosions, fire, riots, civil commotion's, acts of war, share equally in the costs of both mediation and arbitration and that such binding arbitration will be the sole and final or other such similar or dissimilar occurrences beyond The the building in excess of that represented by No.8 rating remedial action. Company's control. based on ASTM D4214. Required Maintenance. Depending on the Project Customer shall make available to The Company the dates Color Retention: No color change of the product finish on 24 of the installation of the coated metal, the maintenance Environment, follow the maintenance schedule as outlined the building greater that 5 (five) CIE Lab ΔE units calculated records including details of washing and cleaning procedures in compliance with the cleaning in the Longboard Care & Maintenance Guide. Use a soft in accordance with ASTM 2244 Section 6.3. Color change sponge or cloth, water and mild detergent, non-abrasive shall be measured on the exposed paint surface which has been cleaned of oil, grease, chalk, oxidized film or other conrequirements as stated in the Required Maintenance soap with the pH range of 5-9 to clean the powder coated area of dirt, grim and other debris. Pressure washing and the use of harsh detergents or chemicals is not section of this warranty. Customers shall demonstrate taminants, corresponding values shall be measured on the that the failure of the coated metal was due to a breach of the warranty stated herein. recommended. Include in your maintenance records the Gloss Retention: Coated surface will exhibit gloss retention 2.5 following: date, time, specific products used, name of maintenance person and their designation, maintenance Claims must be made in writing to Longboard within 30 of a minimum of 30% of the original. Gloss retention shall days of the discovery of a problem and authorization obcompany name and general condition of the powder coated tained prior to beginning any repair and/or refinishing work. I have read and agree to the terms of the Longboard® Product 15 year powder coated surface and 50 year aluminum extruded profile(s) warranty and acknowledge receipt of a copy of the Warranty Certificate. Duly authorized on behalf of Longboard: Name of owner or contractor: Date: Name and designation: Date: Signature: Signature:



Warranty granted to (building owner):



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

Product codes: Product description:

Longboard Architectural Products Inc. ("Longboard." "The Company") products as identified by the Product Codes listed will conform to the standards set out in Clause 1 and Clause 2 of this Warranty, subject to the terms and conditions set out in Clause 3 and 4 of this Warranty.

Finish:

Clause 1

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

- 1.1. When product is applied according to Longboard instructions and properly maintained, such product is guaranteed against the following:
- 1.2 Buckling: The product itself will be free of any buckling that is not 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 oer linear foot.
- 1.3 Corrosion: When installed in normal atmospheric conditions according to Longboard instructions and properly maintained, such product is further guaranteed against rusting and corroding. Subject to the limitations set out in Clause 3 and 4.
- 1.4 What we will do: If, during the twenty (20) year Limited Warranty Period on the powder coating finish, the Product is defective in material or workmanship, Longboard will, in its sole discretion, either repair or replace the defective portion of the Product.
- What we will do: If, during the fifty (50) year Limited Warranty Period on the extruded aluminum profiles, the Product is defective in material or workmanship, Longboard will, in its sole discretion, either repair or replace the defective portion of the Product.
- 16 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 1.7 extruded profile(s) will expire and shall no longer be applicable.
- 1.8 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 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.

Clause 2

Product Finish - AAMA 2605 Performance Specification

- During the first twenty (20) years of this warranty: Checking/Cracking: No visible checking or cracking of the 2.2 product finish on the building.
- Chalking Resistance: No chalking of the product finish on the building in excess of that represented by No.8 rating 2.3 based on ASTM D4214.
- Color Retention: No color change of the product finish on the building greater that 5 (five) CIE Lab ΔE units calculated 2.4 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 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 of oil, grease, chalk, oxidized film or other contaminants, corresponding values shall be measured on the control panel.
- Adhesion: Adhesion of product finish when initially applied to test panels and measured by reference to AAMA 2605-02 Clause 7.4.2 will show no removal of the film.

Clause 3

- Warranty Terms and Conditions:
- 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.
- Registration of the product is required within ninety (90) days from substantial completion for the warranty to be in effect. This warranty is valid for the original owner and one other subsequent owner of the structure where the product(s) have been installed.
- Normal atmospheric conditions exclude corrosive or aggressive atmospheres such as those contaminated with chemical fumes or other corrosive elements. The product finish is not meant for marine use on boats, ships or offshore platforms.
- 3.5 The product finish warranties as outlined in Clause 2 shall include coverage of the finish as it relates to the impact affects from hail and woodpecker birds.
- 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

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

- The claimant must provide proof of coverage. Claims can be made by writing to Longboard at the Product Performance Department. After receiving such notice, The Company must be given a reasonable opportunity to inspect and verify the claim.
- 4.8 Longboard exclusive liability under this warranty, or otherwise, will be limited to refinishing and/or repairing, at The Company's sole discretion, the defective powder coated product. The warranty on any refinished, repaired or replaced coated metal supplied hereunder shall be for the remainder of the warranty period applicable to the originally coated metal. All warranty work will be performed by a company or contractor selected by Longboard, Color variance between refinished and/or repainted product and original shall not be indicative of a defect.
- This warranty represents the entire agreement between parties in relation to its subject matter and supersedes any previous agreement whether written or oral between the parties in relation to its subject matter. The limited warranties state the entire liability of Longboard with respect to the products covered by them. The Company shall have no liability for any incidental or consequential damages. No person is authorized to make any representation or warranty on behalf of Longboard except as expressly set forth above, and any such statement shall not be binding on The Company. Except as expressly set forth above, Longboard makes no warranty of any kind, express or implied, including, without limitation, any implied warranty of merchantability or fitness for a particular purpose. Warranties shall be the duration of the limited warranty, or such shorter duration as provided under applicable local law. These limited warranties give you specific legal rights, and you may also have other rights which vary from area to area.
- Nothing in this warranty shall be construed as a warranty of the workmanship of any installer or as imposing on Longboard any liability for unsatisfactory performance caused by faulty workmanship in installation.
- It's agreed all parties involved that all claims and disputes relating to this agreement that cannot be settled through negotiation will try in good faith to first settle the dispute by mediation administered by the American Arbitration Association (Construction Industry Mediation Procedures) as a prelude to mandatory binding arbitration. Such binding arbitration is to be conducted and administered by the Construction Industry Arbitration Rules of the American Arbitration Association. Both seller and purchaser agree to share equally in the costs of both mediation and arbitration and that such binding arbitration will be the sole and final remedial action.

 Required Maintenance. Depending on the Project
- Environment, follow the maintenance schedule as outlined in the Longboard Care & Maintenance Guide. Use a soft sponge or cloth, water and mild detergent, non-abrasive soap with the pH range of 5-9 to clean the powder coated area of dirt, grim and other debris. Pressure washing and the use of harsh detergents or chemicals is not recommended. Include in your maintenance records the following: date, time, specific products used, name of maintenance person and their designation, maintenance company name and general condition of the powder coated finish

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

Duly authorized on behalf of Longboard:

Name and designation:

Date:

Signature:

Signature: