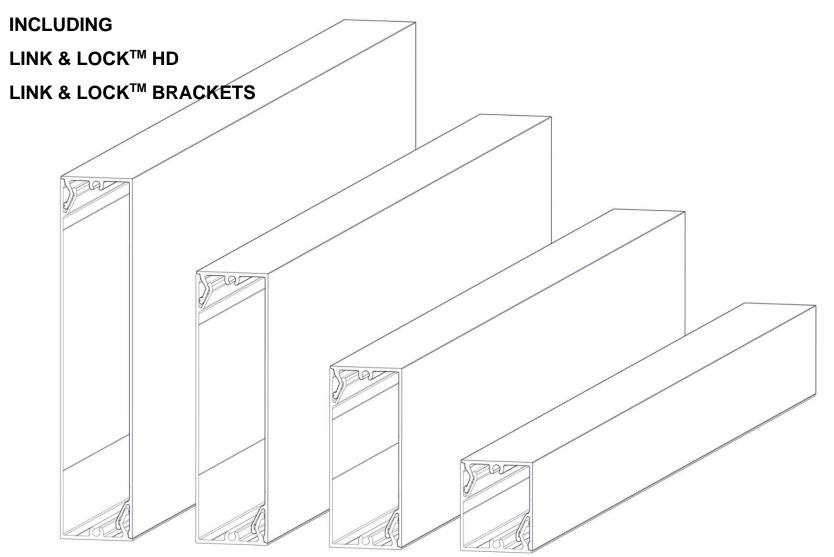
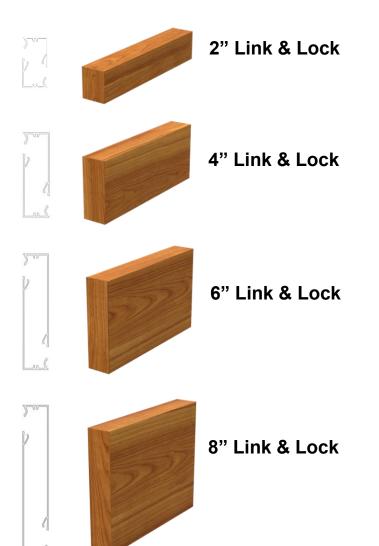


LINK & LOCK[™] INFO SHEETS



L&L Dimensions

Finishes: Woodgrains, Solid, Specialty Custom Solid Color Matching - (Additional lead times apply)



Actual Sizes & Weights

L&L	Width	Depth	Length	Weight(lbs/LF) *per set
2″	2" (50.8mm)	1 5/8" (41.3mm)	12'/24'	0.93
4"	4" (101.6mm)	1 5/8" (41.3mm)	12'/24'	1.3
6"	6" (152.4mm)	1 5/8" (41.3mm)	12'/24'	1.6
8″	8" (203mm)	1 5/8" (41.3mm)	12'/24'	1.9
4"x4"	4" (101.6mm)	4" (101.6mm)	12'/24'	1.8
4"x6"	4" (101.6mm)	6" (152.4mm)	12'/24'	2.1

Physical data:

- 6063-T5 Extruded Aluminum
- 100% recyclable
- Warranty on Finish: 15 year (standard)/20 year* (ultra) (*10week lead time); Aluminum: 50 year

Link & Lock™ Battens

4X4LL.145

4 x 6" 4X6LL.145

4 x 4"

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™ Box I	Battens		

2X8LL.289	2LLEC.8	2LLEM.8	24' Link & Lock Internal
tens			3M [®] Double Sided Adhe
X4LL.289	4LLEC.4	-	

Mounting Accessories	Qty	SKU
Link & Lock Mounting Clip	48, bag	LLMC.N48
Link & Lock™ Isolation Washer	48, bag	LLIW.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

2222

4LLEC.6

4"x4" Link & Lock

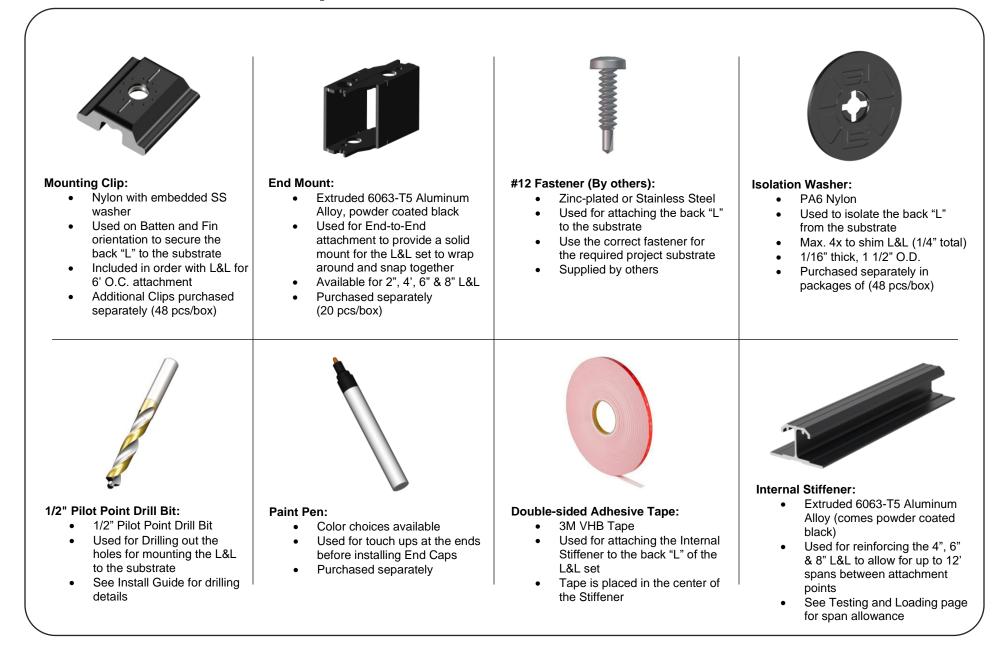
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4X6LL.289

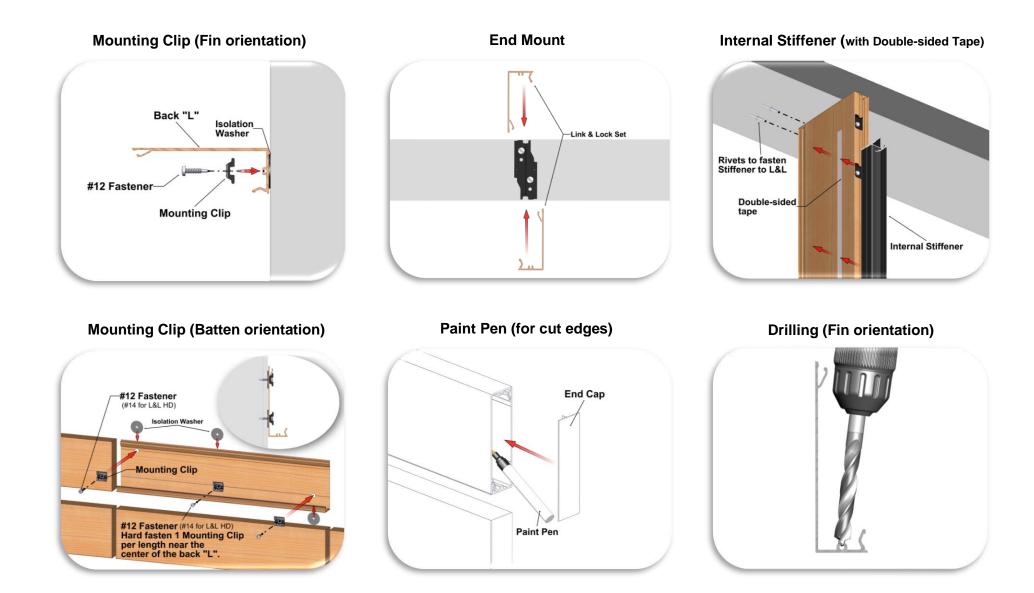


4"x6" Link & Lock

L&L Installation Components See L&L Install Guide for details



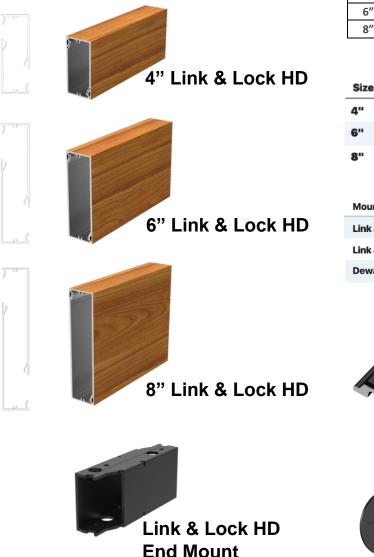
L&L Install Images <u>See L&L Install Guide for details</u> <u>BIM & CAD: RVT & DWG files available, see website for details</u>



L&L HD Components

Finishes:

Woodgrains, Solid, Specialty Custom Solid Color Matching - (Additional lead times apply)



Actual Sizes & Weights

L&L	Width	Depth	Length	Weight(lbs/LF) *per set
4″	4" (101.6mm)	2" (50.8mm)	12'/24'	1.7
6″	6" (152.4mm)	2" (50.8mm)	12'/24'	2.4
8″	8" (203mm)	2" (50.8mm)	12'/24'	3

				End Caps		End Mounts
Size	12′	24'		(20/box)		(20/box)
4"	2X4LLHD.145	2X4LLHD.28	39	2LLHDEC	.4	2LLHDEM.4
6"	2X6LLHD.145	2X6LLHD.28	39	2LLHDEC	.6	2LLHDEM.6
8"	2X8LLHD.145	2X8LLHD.28	39	2LLHDEC	.8	2LLHDEM.8
Mountin	g Accessories		Qty		SKU	
Link & Lo	ock Mounting Clip		48,	bag	LLM	C.N48
Link & Lo	ock™ Isolation Was	sher	48, bag		LLIW	.N48
Dewalt ®	1/2" Pilot Point Dr	ill Bit	1		DRIL	LBT.05

Physical data:

- 6063-T5 Extruded Aluminum
- 100% recyclable
- Warranty on Finish: 15 year (standard)/20 year* (ultra) (*10week lead time); Aluminum: 50 year
- BIM & CAD:
 - RVT & DWG files to be available

Mounting Clip:

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- Nylon with embedded SS washer
- Used on Batten and Fin orientation to secure the back "L" to the substrate
- Included in order with L&L for 6' O.C. attachment
- Additional Clips purchased separately (48 pcs/box)

Isolation Washer:

٠

- PA6 Nylon
- Used to isolate the back "L" from the substrate
- Max. 4x to shim L&L (1/4" total)
- 1/16" thick, 1 1/2" O.D.
- Purchased separately in packages of (48 pcs/box)

1/2" Pilot Point Drill Bit:

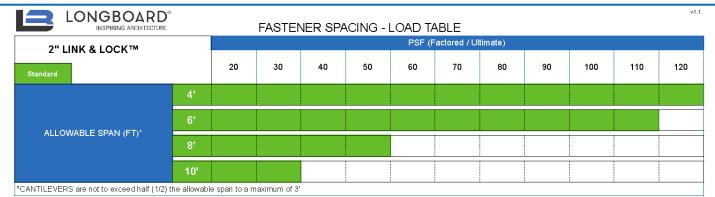
- 1/2" Pilot Point Drill Bit
- Used for Drilling out the holes for mounting the L&L to the substrate
- See Install Guide for drilling details

#14 Fastener

-Eng. & Load Dependent (By others):

- Zinc-plated or Stainless Steel
 Used for attaching the back "L" to the substrate
- Use the correct fastener for the required project substrate
- Supplied by others

L&L Testing Data and Allowable Spans See L&L Install Guide for details



Calculations are using L/180 deflection limits

SUBSTRATE TYPE	SUBSTRATE REQUIREMENTS	ANCHOR DESCRIPTION	MIN. EMBEDMENT	MIN. EDGE DISTANCE
WOOD	Min. specific gravity = 0.55 wood	#12 Pan Head Wood Screw	1-1/2"	1"
STEEL	Min. 18 ga., Min. Fy=33 ksi.	#12 Self-Drilling or Self-Tapping Screw	3 threads penetration past	1/2"
ALUMINUM	Min. 1/8", Min. 6063-T5	(Grade 5)	metal structure	172
CONCRETE	Min. 3000 psi	3/16" ITW Tapcon	1-1/2"	1-3/4"
HOLLOW/GROUT-FILLED CMU	Conforms to ASTM C-90, with Min. compressive strength of 2000 psi		1"	2"

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. Link & Lock is not 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

9. When using end mounts, span distance is measured center to center of each end mount.

Testing:

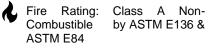
ICC-ESR 4183 Evaluation Report -Division: 05 00 00 – METALS

> 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: FL41842

International Building Code (IBC). International Residential Code (IRC) California Building Code (CBC) California Residential Code (CRC) City of Los Angeles Building Code (LABC), City of Los Angeles Residential Code (LARC) Florida Building Code – Building Florida Building Code - Residential



Light Reflectance: 5% (Black) up to 73.2% (Ultra White)

		FASTENER SPACING - LOAD TABLE										
4" LINK & LOCK™			PSF (Factored / Ultimate)									
Standard W. HD Stiffener		20	30	40	50	60	70	80	90	100	110	120
	2'											
	4'							Standard v	v. Stiffener			
ALLOWABLE SPAN (FT)*	6'					Standard v	v. Stiffener		HD			
ALLOWADLE SPAIN (FT)	8'			Standard v	м. Stiffener		HD					
	10'	Standard v	v. Stiffener		HD							
	12'	Standard v	v. Stiffener	HD								

SUBSTRATE TYPE	SUBSTRATE REQUIREMENTS	ANCHOR DESCRIPTION	MIN. EMBEDMENT	MIN. EDGE DISTANCE	
WOOD	Min. specific gravity = 0.55 wood	#12 Pan Head Wood Screw	1-1/2"	1"	
STEEL	Min. 18 ga., Min. Fy≕33 ksi.	#12 Self-Drilling or Self-Tapping Screw	3 threads penetration past	1/2"	
ALUMINUM	Min. 1/8", Min. 6063-T5	(Grade 5)	metal structure	172	
CONCRETE	Min. 3000 psi	3/16" ITW Tapcon	1-1/2"	1-3/4"	
HOLLOW/GROUT-FILLED CMU	Conforms to ASTM C-90, with Min. compressive strength of 2000 psi	S/16 110V Tapeon	1 "	2"	

GENERAL NOTES:

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- Section 1709.8

- ASTM E8-16

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b. 316 Stainless Steel fasteners for coastal climate zones

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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.

9. When using end mounts, span distance is measured center to center of each end mount.

LONGBOARD*			FASTE	NER SPA	ACING - I	LOAD TA	ABLE					v1.
6" LINK & LOCK™		PSF (Factored / Ultimate)										
Standard w. Stiffener HD		20	30	40	50	60	70	80	90	100	110	120
	2'											
	4'											Standard w. Stiffener
ALLOWABLE SPAN (FT)*	6'				Standard v	v. Stiffener	HD					
ALLOWADLE SPAN (PT)	8'	Standard \	w. Stiffener		HD							
	10'	Standard \	w. Stiffener	HD								
	12'	HD										

SUBSTRATE TYPE	SUBSTRATE REQUIREMENTS	ANCHOR DESCRIPTION	MIN. EMBEDMENT	MIN. EDGE DISTANCE	
WOOD	Min. specific gravity = 0.55 wood	#12 Pan Head Wood Screw	1-1/2"	1*	
STEEL	Min. 18 ga., Min. Fy=33 ksi.	#12 Self-Drilling or Self-Tapping Screw	3 threads penetration past	1/2"	
ALUMINUM	Min. 1/8", Min. 6063-T5	(Grade 5)	metal structure	172	
CONCRETE	Min. 3000 psi	3/16" ITW Tapcon	1-1/2"	1-3/4"	
HOLLOW/GROUT-FILLED CMU	LLOW/GROUT-FILLED CMU Conforms to ASTM C-90, with Min. compressive strength of 2000 psi		1"	2"	

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. Link & Lock is not 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.

9. When using end mounts, span distance is measured center to center of each end mount.

		FASTENER SPACING - LOAD TABLE										
8" LINK & LOCK™						PSF (F	actored / UI	timate)				
Standard W. HD Stiffener		20	30	40	50	60	70	80	90	100	110	120
2'												
4						Standard v	w. Stiffener					HD
ALLOWABLE SPAN (FT)*				Standard w. Stiffener	HD							
8		Standard w	. Stiffener	HD								
10)"	HD										

SUBSTRATE TYPE	SUBSTRATE REQUIREMENTS	ANCHOR DESCRIPTION	MIN. EMBEDMENT	MIN. EDGE DISTANCE
WOOD	Min. specific gravity = 0.55 wood	#12 Pan Head Wood Screw	1-1/2"	1"
STEEL	Min. 18 ga., Min. Fy=33 ksi.	#12 Self-Drilling or Self-Tapping Screw	3 threads penetration past	1/2"
ALUMINUM	Min. 1/8", Min. 6063-T5	(Grade 5)	metal structure	02
CONCRETE	Min. 3000 psi	3/16" ITW Tapcon	1-1/2"	1-3/4"
HOLLOW/GROUT-FILLED CMU	LOW/GROUT-FILLED CMU Conforms to ASTM C-90, with Min. compressive strength of 2000 psi		1"	2"

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.

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5. Link & Lock is not 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.

9. When using end mounts, span distance is measured center to center of each end mount.

LONGBOARD® FASTENER SPACING - LOAD TABLE						v.1.2						
4X4 LINK & LOCK™ Standard			PSF (Factored / Ultimate)									
		20	30	40	50	60	70	80	90	100	110	120
	8'											
ALLOWABLE SPAN (FT)*	10'											
	12'											
*CANTILEVERS are not to exceed 3'												

	•			
SUBSTRATE TYPE	SUBSTRATE REQUIREMENTS	ANCHOR DESCRIPTION	MIN. EMBEDMENT	MIN. EDGE DISTANCE
WOOD	Min. specific gravity = 0.55 wood	#12 Pan Head or Flanged Hex Head Wood Screw	1-1/2"	1"
STEEL	Min. 18 ga., Min. Fy=36 ksi.	#12 Self-Drilling or Self-Tapping Screw Pan Head or Flanged Hex Head Wood	3 threads penetration past	1/2"
ALUMINUM	Min. 1/8", Min. 6063-T5	Screw (Grade 5)	metal structure	1/2
CONCRETE	Min. 3000 psi	3/16" ITW Tapcon	1-1/2"	1-3/4"
HOLLOW/GROUT-FILLED CMU	Conforms to ASTM C-90, with Min. compressive strength of 2000 psi	Site it w tapeon	1"	2"

GENERAL NOTES:

1. 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.

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- 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.

4X6 LINK & LOCK™												
				PSF (Factored / Ultimate)								
Standard		30	40	50	60	70	80	90	100	110	120	
	•											
ALLOWABLE SPAN (FT)*)'											
1	2'										Í	

SUBSTRATE TYPE	SUBSTRATE REQUIREMENTS	ANCHOR DESCRIPTION	MIN. EMBEDMENT	MIN. EDGE DISTANCE
WOOD	Min. specific gravity = 0.55 wood	#12 Pan Head or Flanged Hex Head Wood Screw	1-1/2"	1"
STEEL	Min. 18 ga., Min. Fy=36 ksi.	#12 Self-Drilling or Self-Tapping Screw Pan Head or Flanged Hex Head Wood	3 threads penetration past	1/2"
ALUMINUM	Min. 1/8", Min. 6063-T5	Screw (Grade 5)	metal structure	1/2
CONCRETE	Min. 3000 psi	3/16" ITW Tapcon	1-1/2"	1-3/4"
HOLLOW/GROUT-FILLED CMU	Conforms to ASTM C-90, with Min. compressive strength of 2000 psi	3/10 TTW Tapcon	1"	2"

GENERAL NOTES:

1. 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.

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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:

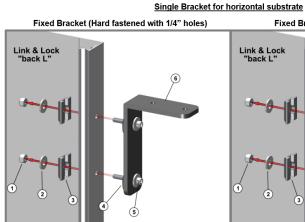
a. Zinc plated fasteners for moderate climate zones

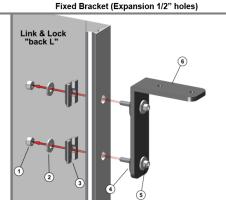
b. 316 Stainless Steel fasteners for coastal climate zones

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.

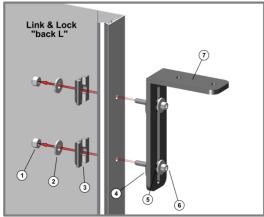
L&L Bracket Components





No.	Description	Material	Qty
1	1/4" -20 Locknut	Stainless Steel Nylon-Insert	2
2	Washer, 1/4" screw size, 0.75" OD	Stainless Steel	4
3	Link & Lock Mounting Clip	Nylon w. Stainless Washer	2
4	Isolation Washer for 1/4" size	Nylon, Black	2
5	1/4" -20 Socket Head Screw, 1-1/2" length	Stainless Steel	2
6	Link & Lock Bracket -90 Center Fixed	6005A Aluminum	1

Sliding Bracket (Use 1/4" holes)



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

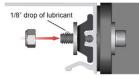
Dual Bracket for vertical substrate

|--|

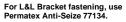
Dual Bracket components are loosely pre-assembled by manufacturer. Adjust if required. Once in place add lubricant and tighten to manufacturer's specifications. See below for lubricant specs.

No.	Description	Material	Qty
1	Link & Lock Dual Bracket -90 Center Fixed	6005A Aluminum	1
2	1/4" -20 Socket Head Screw, 1-1/4" length	Stainless Steel	2
3	Washer, 1/4" screw size, 0.75" OD	Stainless Steel	4
4	1/4" -20 Locknut	Stainless Steel Nvlon-Insert	2
	No. 1 2 3 4	1 Link & Lock Dual Bracket -90 Center Fixed 2 1/4" -20 Socket Head Screw, 1-1/4" length 3 Washer, 1/4" screw size, 0.75" OD	1 Link & Lock Dual Bracket -90 Center Fixed 6005A Aluminum 2 1/4" -20 Socket Head Screw, 1-1/4" length Stainless Steel 3 Washer, 1/4" screw size, 0.75" OD Stainless Steel 4 1/4" -20 Locknut Stainless Steel

Add 1/8" drop of lubricant to all bolt threads before installing locknut.



Anti-Seize





No.	Description	Material	Qty
1	1/4" -20 Locknut	Stainless Steel Nylon-Insert	2
2	Washer, 1/4" screw size, 0.75" OD	Stainless Steel	4
3	Link & Lock Mounting Clip	Nylon w. Stainless Washer	2
4	Isolation Washer for 1/4" screw size	Nylon, Black	2
5	Plastic Washer, 1/4" screw size, 0.734 OD	Nylon, Black	2
6	1/4" -20 Socket Head Screw, 1-1/2" length	Stainless Steel	2
7	Link & Lock Bracket -90 Center Sliding	6005A Aluminum	1

Link & Lock System Info Sheet Package

L&L Bracket Orientation Options

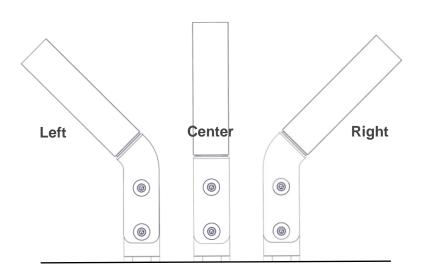
Fixed options shown, sliding options are available for slab deflection or building settlement.





Center

Right



Building/Structure





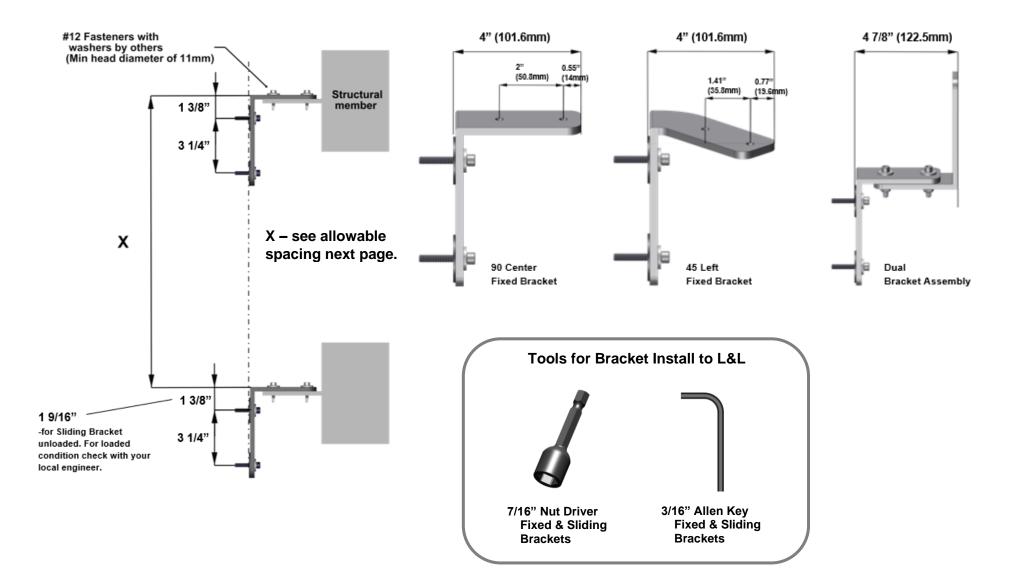
Center Horizontal Batten

Center Vertical Batten



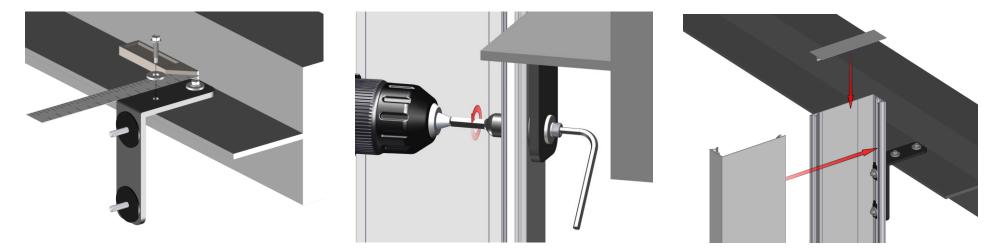
Longboardproducts.com

L&L Bracket Dimensions



L&L Bracket Installation, Load Data & Allowable Spacing

See L&L Install Guide for details



	LINK & LOCK™ BRACKET MAX. SPACING (FT)									
INSPIRING ARCHITECTURE				WIN	D LOAD PSF (FA	CTORED/ULTIM	ATE)			
LINK & LOCK™ BATTEN	30	40	50	60	70	80	90	100	110	120
1-5/8" x 2"	10'		8'		6'		4'		2'	
1-5/8" x 4"	8'		6'	4	r.			2'		
1-5/8" x 4" w. Internal Stiffener	12'	10'		8'	6	;'		4'		
1-5/8" x 6"	6'			4'			3'		2	
1-5/8" x 6" w. Internal Stiffener	10'	8'	6'		4	ŀ'		3'		2'
1-5/8" x 8"	6'	4'				2				
1-5/8" x 8" w. Internal Stiffener	8'	6'		4'			3'		2	•
2" x 4" HD	1	2'	10'	8'		6'			4'	
2" x 6" HD	10	8'		6'		4'			3'	
2" x 8" HD	8'	6'		4'			3'		2	

note 1 Factored Wind Load: max. 168 LBS/EA Bracket

Recommended torque value for Link & Lock™ to Bracket attachment:

note 3 Fixed Bracket 1/4" -20 Socket Head Screw, 60-72 in/lbs + prevailing torque of self-locking nut

note 2 Factored Dead Load: max. 29 LBS/EA Fixed Bracket

note 4 Sliding Bracket 1/4" -20 Socket Head Screw, 48-60 in/lbs + prevailing torque of self-locking nut

April 25, 2024









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Finishes

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

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

Expansion & Contraction

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

٠	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)
•	Ship/Receiving:	Most Popular Finishes -ready to ship within 1 week Additional Finishes -ready to ship within 14 weeks Delivered on 24' (7.3m) long skids weighing up to 2000 lbs. A mechanical lift with forks is required on site to receive the order.
•	QC:	Always inspect the delivery for damage and contact LB ASAP if there are any issues: <u>info@longboardproducts.com</u> or 1-800-604-0343 and include your PO# and any pictures if possible. Mark the delivery receipt as "damaged" and accept the delivery as-is. Longboard is not responsible for the installation of blemished or damaged material.

Storage & Handling

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

Cleaning Recommendations

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

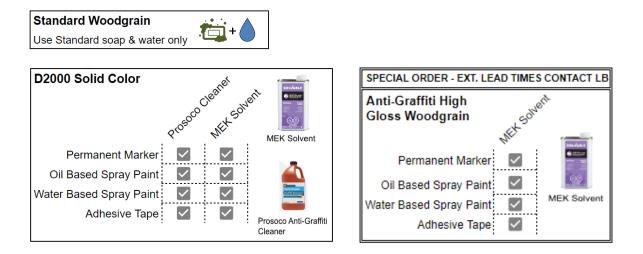
▲ NEVER use aggressive, acid or alkaline cleaners on Longboard finishes. Do not use cleaners containing Trisodium Phosphate, Phosphoric Acid, Hydrochloric Acid, Hydrofluoric Acid, Fluorides, or any other compound that is known to react with metal.

*See Cleaning Guide for full requirements & cleaning schedule: longboardproducts/resources/care-maintenance.com

Warranty

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

Graffiti Removal



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



Components (Typical)

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>.

Link & Lock™ Battens

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

Mounting Accessories	Qty	SKU
Link & Lock Mounting Clip	48, bag	LLMC.N48
Link & Lock™ Isolation Washer	48, bag	LLIW.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™ Batten

4x4"

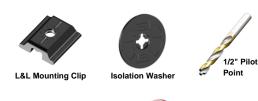


Link & Lock™ HD

Batten

4x6"

Link & Lock ™ Box Battens







Single Dual

Link & Lock ™ Mounting Brackets

Link & Lock™ Mounting Brackets

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

Tools

Commonly used tools for Link & Lock install.

Table Saw with Carbide Metal Blade Non-ferrous 60- 80T (for cutting aluminum)	Miter Saw with Carbide Metal Blade Non-ferrous 60- 80T (for cutting aluminum)	Cordless Drill with clutch	Jig Saw (for protrusions)
	0		
Rubber Mallet (or Hammer)	Level	Hole Saw (for lighting fixtures)	Quick Grip Bar Clamp

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.



A DO NOT Install Link & Lock without trimming the ends.

tim

Fastening

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

Typical Spacing:

• 6 - 8' O.C.

-using Mounting Clips and Isolation Washers -See Appendix Tables 3-9 for project specific spacing.

Mounting Clips and Isolation Washers are included in the order for 6' spacings. Add more to the order if required for shorter spacings.

Fasteners:

See fastener sizes below (By others)

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

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

A See Appendix for fastener specs: Allowable Span - Tables 3-9

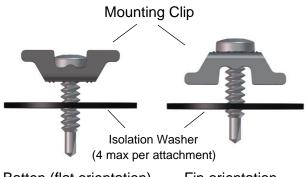
Fastener Types/Sizes for L&L			
L&L	Pan Head	Hex Head	
2"	#12	#12	
4"	#12	#12	
6"	#12	#12	
8"	#12	#12	
4"x4"	#12	#12	
4"x6"	#12	#12	
4" HD	#14	#14	
6" HD	#14	#14	
8" HD	#14	#14	

Fastener types

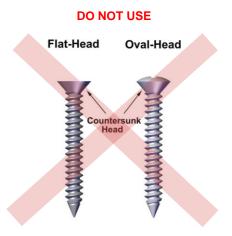
RECOMMENDED



substrate and material surface.



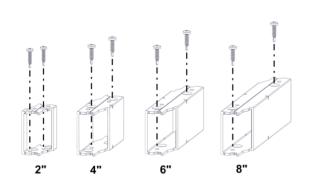
Batten (flat orientation) Fin orientation



t and predrill the back "I." of

Link & Lock Soffit Installation Guide

Fastener Types/Sizes for End Mounts			
End Mount	Pan Head	Hex Head	
2"	#10	>	
4"	#12	#12	
6"	#12	#12	
8"	#12	#12	
4" HD	#14	#14	
6" HD	#14	#14	
8" HD	#14	#14	



Framing/Furring 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.

See Appendix for framing/furring/sheathing specs: Tables 3-9

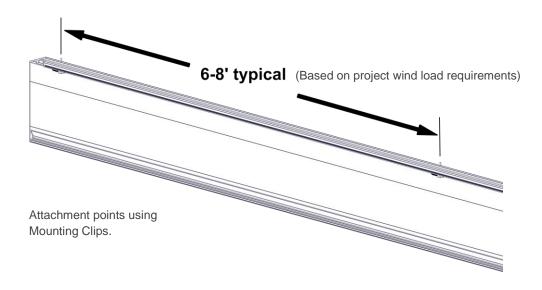
Install details

Typical dimensions

L&L	Width	Depth	Length	Weight(Ibs/LF) *per set
2"	2" (50.8mm)	1 5/8" (41.3mm)	12'/24'	0.93
4"	4" (101.6mm)	1 5/8" (41.3mm)	12'24'	1.3
6"	6" (152.4mm)	1 5/8" (41.3mm)	12'/24'	1.6
8"	8" (203mm)	1 5/8" (41.3mm)	12'/24'	1.9
4"x4"	4" (101.6mm)	4" (101.6mm)	12'/24'	1.8
4"x6"	6" (152.4mm)	4" (101.6mm)	12'/24'	2.1
4" HD	4" (101.6mm)	2" (50.8mm)	12'/24'	1.7
6" HD	6" (152.4mm)	2" (50.8mm)	12'/24'	2.4
8" HD	8" (203mm)	2" (50.8mm)	12'/24'	3

• Longboard Link & Lock system typical dimensions:

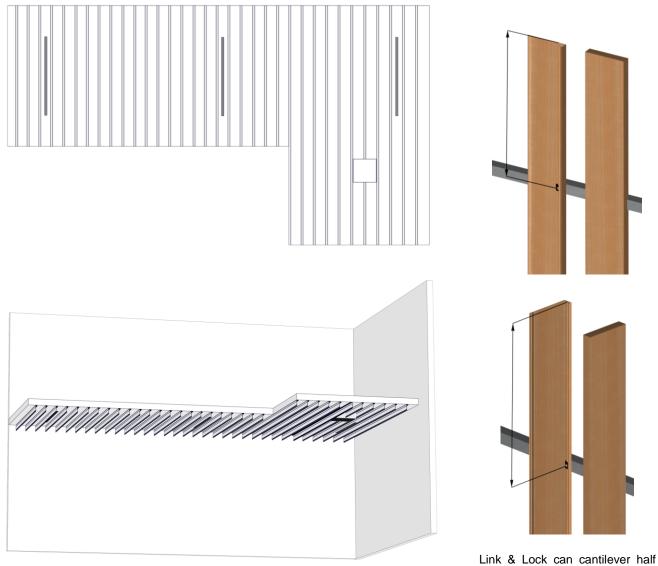
- Longboard Products are not recommended for use on marine applications in direct contact with salt water.
- Link & Lock is an open-joint system which is required to be installed outboard of a weather resistant barrier, including all flashings, following code, and building requirements.
- It is good 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 and Isolation Washers 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.



System layout and Install steps

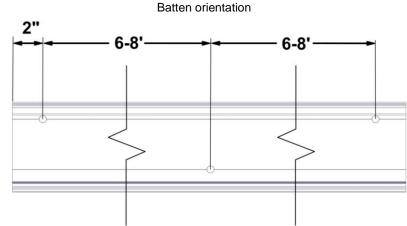
Perimeter and field area limitations

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.



Link & Lock can cantilever half the allowable attachment span up to a **maximum of 3'** for all sizes and orientation.

See Appendix for allowable attachment span: Tables 3-9



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.

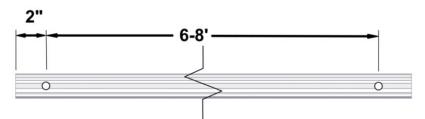
For the Batten orientation, alternate the holes from top to bottom using the Dielines for guides.

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

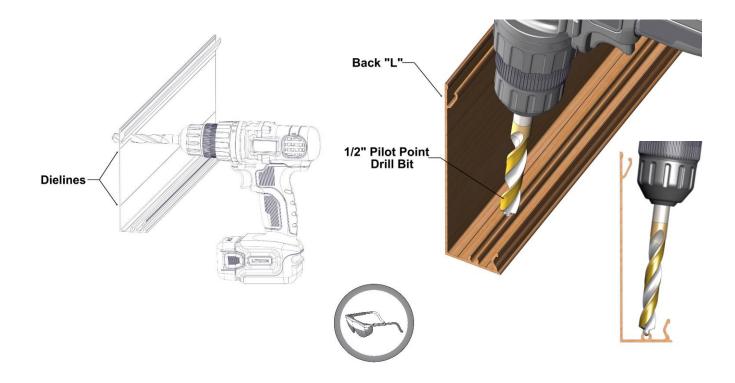
Note: To hard fasten 1 location per length, omit the drilled hole at that location and use for hard fastening.

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

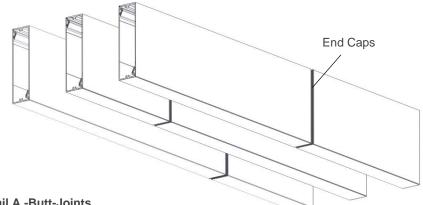
▲ Tip: Add weep holes as good practice to allow any potential moisture to escape.



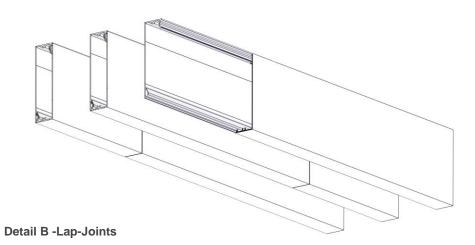
Fin orientation

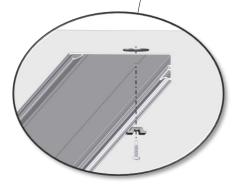


- BUTT-JOINTS. When installing butt-joints, ensure to leave a 1/4" (6mm) min. gap. every 24' (7.3m) min. • (See Detail A). Fasteners should be anchored into a solid secure framing member, blocking, furring strip, or backer plate, etc.
- ALAP-JOINTS. When installing lap-joints, ensure to leave a 1/4" (6mm) min. gap. every 24' (7.3m) min. ٠ (See Detail B). Fasteners should be anchored into a solid secure framing member, blocking, furring strip, or backer plate, etc.
- 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" at one point per length typically near the center, to keep the • battens from migrating.
- DO NOT hard-fasten more than one (1) location per batten. •









Step 1

Install back "L" using #12 Fasteners (#14 for L&L HD), Mounting Clips and Isolation Washers every 6-8' O.C. typical. Isolation Washers are installed between the L&L and the substrate (4 max per attachment).

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.

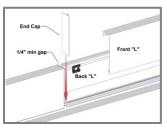


Cut off Taped/Drilled L&L ends (1/2" each end).

Step 2

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.



Install End Cap first in tight spaces.

Step 3

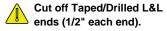
Install End Caps, which are friction fit, by pressing them into place using the palm of your hand. If necessary, use a rubber mallet to snap them into place. If required, touch up the cut ends with matching paint pen.

Link & Lock Soffit Installation Guide



Install back "L" using #12 Fasteners (#14 for L&L HD), Mounting Clips and Isolation Washers every 6-8' O.C. typical. Isolation Washers are installed between the L&L and the substrate (4 max per attachment).

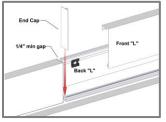
Note: Be sure to fasten in the center of the 1/2" holes to allow for movement each way. Hard fasten near the center of each length to prevent migration of the material over time.



Step 2

Install 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.



Install End Cap first in tight spaces.

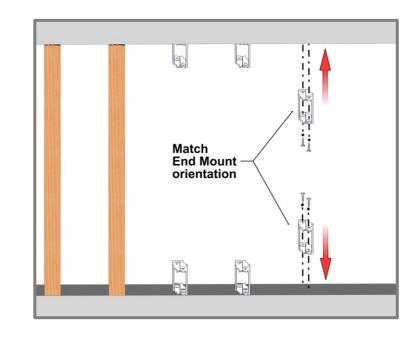
Step 3

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. If required, touch up the cut ends with matching paint pen. 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.

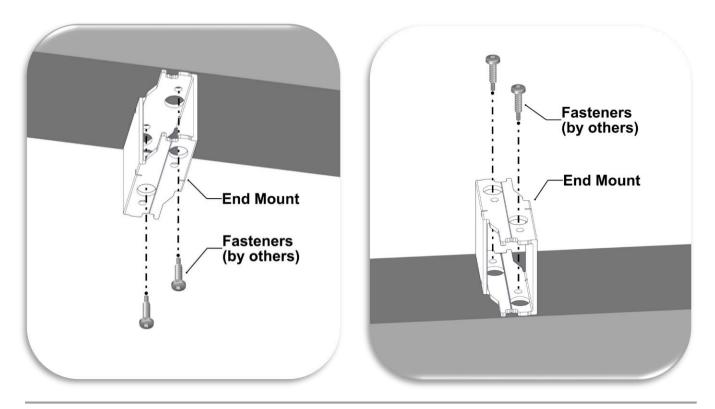
Fastener Types/Sizes for End Mounts		
End Mount	Pan Head	Hex Head
2"	#10	$\left \right\rangle$
4"	#12	#12
6"	#12	#12
8"	#12	#12
4" HD	#14	#14
6" HD	#14	#14
8" HD	#14	#14



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

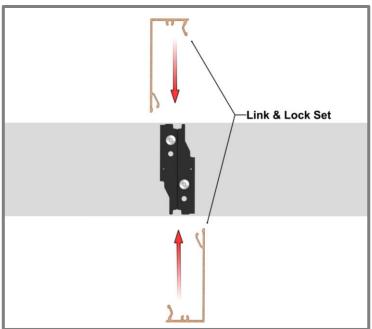
Cut off Taped/Drilled L&L ends (1/2" each end).

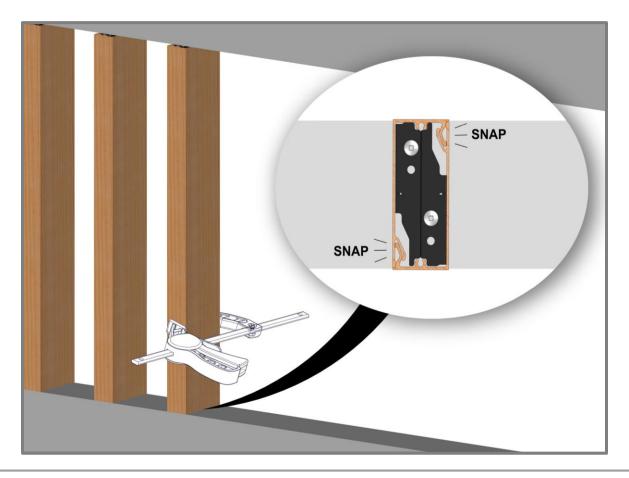
Measure, cut and install Link & Lock Set and snap it into place onto the End Mounts. Use clamps with rubber pads as common practice to securely snap the front "L" onto the back "L".

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.



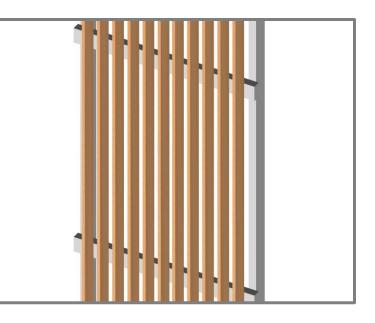




Requirements for large spans:

- Two Mounting Clips with #12 fasteners min, (#14 for L&L HD) 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 load. Allowable Span - Tables 3-9



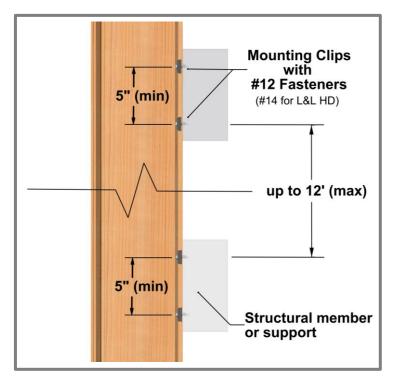
Step 1

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 min, (#14 for L&L HD) 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.



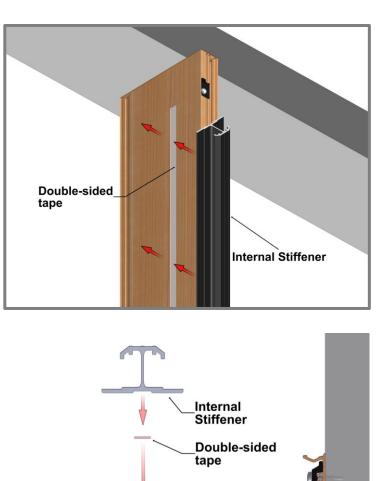
Step 3

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.

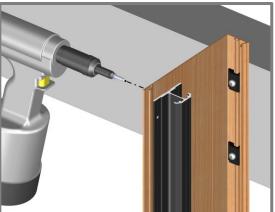


Step 4

-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.

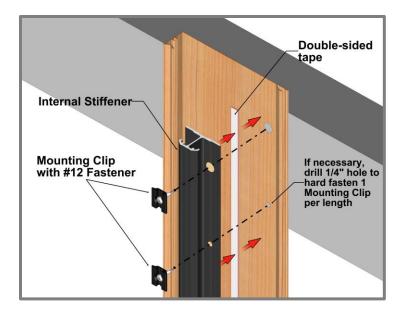




Back "L"

Step 4.1

-Fastening Stiffener Batten orientation Mechanically fasten the Stiffener to the back "L" using the Mounting Clips and #12 Fasteners. Refer to Page 13 for mounting.



Step 5 Refer to Page 13-14 for Front "L" and End Cap install and details.

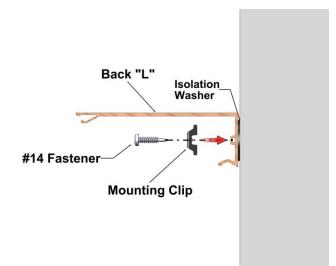


Link & Lock HD

- Used for greater spans compared to standard Link & Lock
- Available sizes: 4", 6" & 8" (2" depth)
- Uses standard Mounting Clip, Isolation Washer and attachment methods
- Use #14 Fasteners

Refer to System Layout and Install steps section for typical install details.

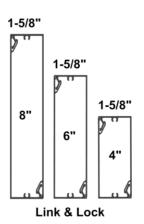
To Compare allowable spans: See Appendix for allowable spans for project specific wind load. Allowable Span – Tables 4-6

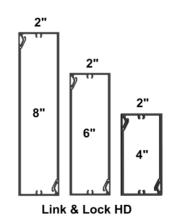




6" L&L 6' span max @30PSF 6" L&L HD 12' span max @30PSF







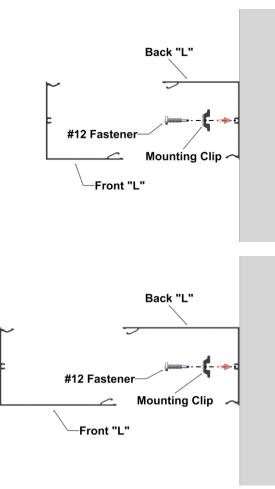
4x4 & 4x6 Link & Lock

- Available sizes: 4"x4" & 4"x6"
- Uses standard Mounting Clip and attachment methods with #12 Fasteners

Refer to System Layout and Install steps section for typical install details.

See Appendix for allowable spans for project specific wind load. Allowable Span – Tables 7 & 8, Page 32-33



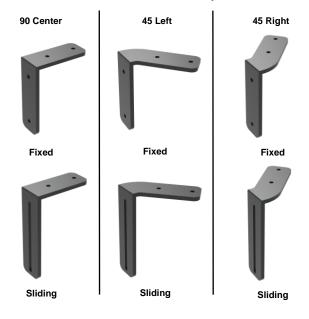


Link & Lock Brackets

- Alternate option for securing L&L cladding
- Attachment from L&L to bracket: use 1/4" Socket Head Screws, washers, locknuts & Mounting Clips included in order
- Attachment to structural element: Min #12 Fasteners (Min head diameter of 11mm) by others
- For expansion & contraction hard fasten only one fixed bracket per L&L run.
- Sliding Brackets are used for floor/slab deflection.

▲ Note: Use lubricant for all bracket attachments. See page 25 for details.

See Appendix for L&L Bracket Max. Spacing. Table 9, Page 33

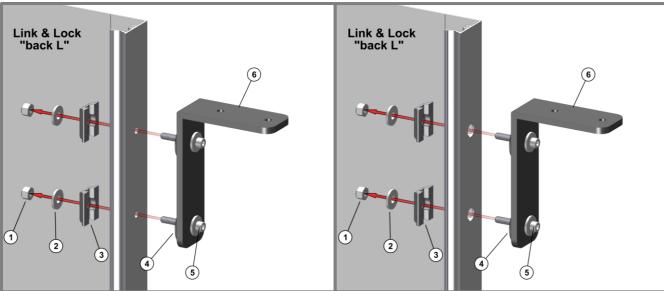


Fixed Bracket (Expansion 1/2" holes)

Link & Lock Bracket Options

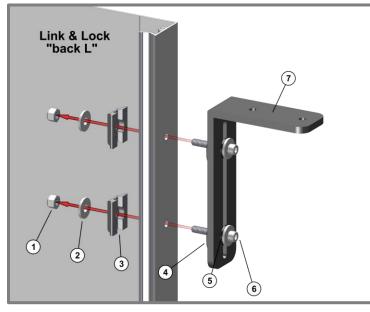
Single Bracket for horizontal substrate

Fixed Bracket (Hard fastened with 1/4" holes)



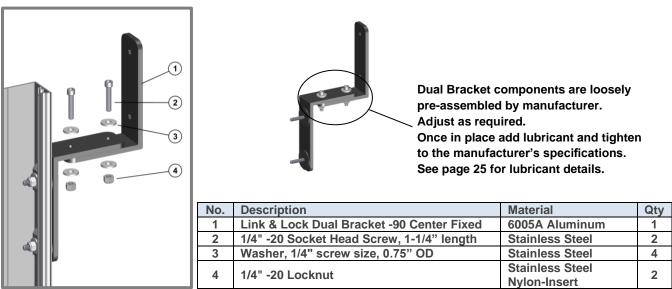
No.	Description	Material	Qty
1	1/4" -20 Locknut	Stainless Steel Nylon-Insert	2
2	Washer, 1/4" screw size, 0.75" OD	Stainless Steel	4
3	Link & Lock Mounting Clip	Nylon w. Stainless Washer	2
4	Isolation Washer for 1/4" size	Nylon, Black	2
5	1/4" -20 Socket Head Screw, 1-1/2" length	Stainless Steel	2
6	Link & Lock Bracket -90 Center Fixed	6005A Aluminum	1

Sliding Bracket (Use 1/4" holes)

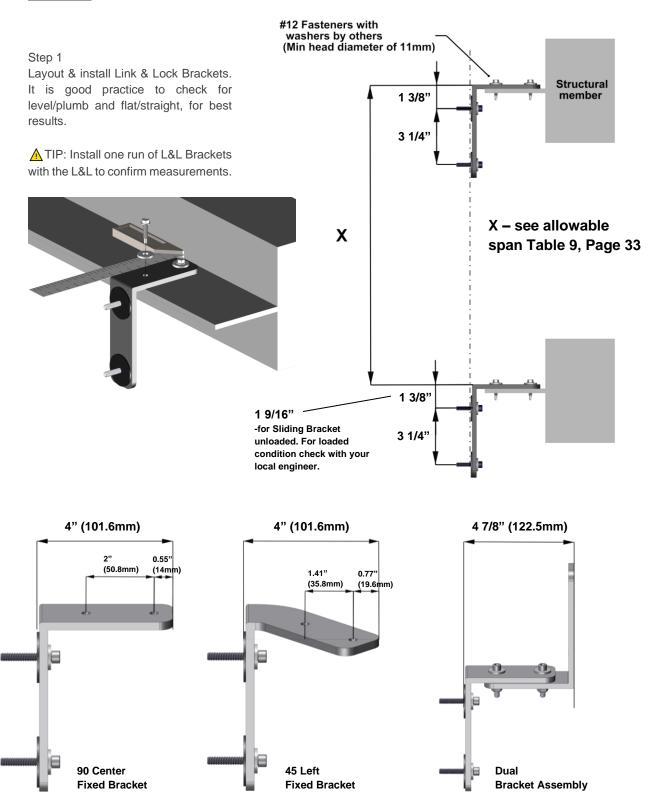


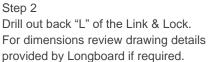
No.	Description	Material	Qty
1	1/4" -20 Locknut	Stainless Steel Nylon-Insert	2
2	Washer, 1/4" screw size, 0.75" OD	Stainless Steel	4
3	Link & Lock Mounting Clip	Nylon w. Stainless Washer	2
4	Isolation Washer for 1/4" screw size	Nylon, Black	2
5	Plastic Washer, 1/4" screw size, 0.734 OD	Nylon, Black	2
6	1/4" -20 Socket Head Screw, 1-1/2" length	Stainless Steel	2
7	Link & Lock Bracket -90 Center Sliding	6005A Aluminum	1

Dual Bracket for vertical substrate



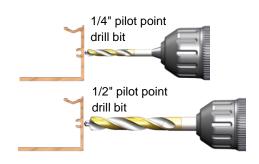
Install steps

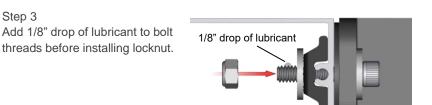




- 1/4" holes • -for hard fastening one Bracket per run -for Sliding Brackets if used
- 1/2" holes for expansion & contraction ٠ on the rest of the Fixed Brackets

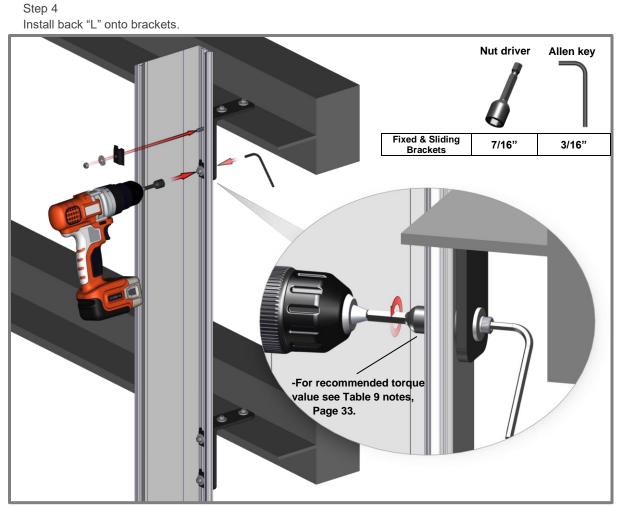
Step 3





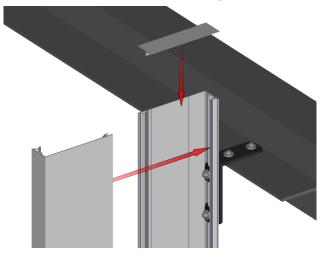


For L&L Bracket fastening, use Permatex Anti-Seize 77134.



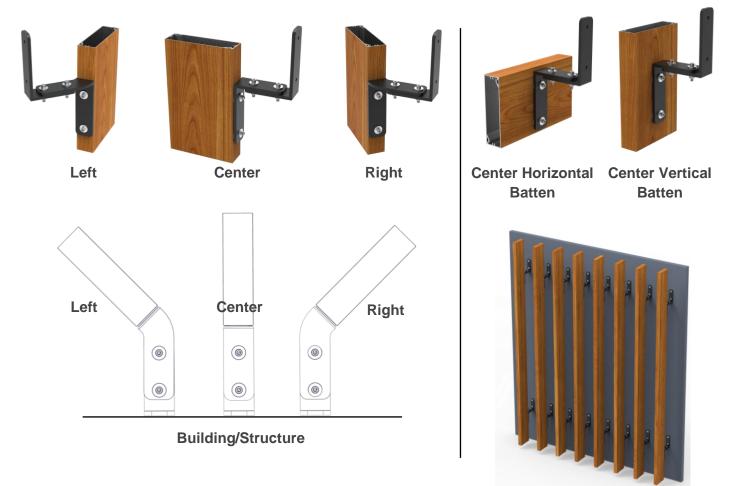
Install Internal Stiffener if required. For install steps see Pages 17-19. Step 4.1

Step 5 Install front "L" onto back "L" and End Caps. For details See Pages 13-14, Steps 3 & 4.



Orientation options

Fixed options shown, sliding options are available for slab deflection or building settlement.



12

Appendix

Expansion and Contraction Tables

TABLE 1 - IMPERIAL AVERAGE TEMPERATURE AT TIME OF CUTTING & INSTALLATION													
		°C	-50	-40	-30	-20	-10	0	10	20	30	40	50
		°F	-58	-40	-22	-4	14	32	50	68	86	104	122
	°C	°F				EXPAN	ISION OR C	ONTRACT	ION (INCH/	FOOT)			
CONSTRUCTION TEMP.	-50	-58	0.000	-0.003	-0.005	-0.008	-0.011	-0.014	-0.016	-0.019	-0.022	-0.024	-0.027
FN	-40	-40	0.003	0.000	-0.003	-0.005	-0.008	-0.011	-0.014	-0.016	-0.019	-0.022	-0.024
E I	-30	-22	0.005	0.003	0.000	-0.003	-0.005	-0.008	-0.011	-0.014	-0.016	-0.019	-0.022
ŝ	-20	-4	0.008	0.005	0.003	0.000	-0.003	-0.005	-0.008	-0.011	-0.014	-0.016	-0.019
STI	-10	14	0.011	0.008	0.005	0.003	0.000	-0.003	-0.005	-0.008	-0.011	-0.014	-0.016
SO	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
MIN/MAX POST	20	68	0.019	0.016	0.014	0.011	0.008	0.005	0.003	0.000	-0.003	-0.005	-0.008
IAX	30	86	0.022	0.019	0.016	0.014	0.011	0.008	0.005	0.003	0.000	-0.003	-0.005
2	40	104	0.024	0.022	0.019	0.016	0.014	0.011	0.008	0.005	0.003	0.000	-0.003
z		101											
	50	122	0.027	0.024	0.022	0.019	0.016	0.014	0.011	0.008	0.005	0.003	0.000
		122 ETRIC	0.027	0.024	AVERA		RATURE A	T TIME OF	CUTTING	& INSTALL	ATION		
	50	122 ETRIC	0.027	0.024 -40	AVERA -30	GE TEMPE	RATURE A	T TIME OF	CUTTING	& INSTALL 20	ATION 30	40	50
	50 E 2 - M	122 ETRIC °C °F	0.027	0.024	AVERA		RATURE A	T TIME OF	CUTTING	& INSTALL	ATION		
ABL	50 .E 2 - M	122 ETRIC °C °F	-50 -58	-40 -40	AVERA -30 -22	GE TEMPE -20 -4 EXPAN	RATURE A -10 14 SION OR C	T TIME OF 0 32 ONTRACTI	CUTTING 10 50 ON (MM/M	& INSTALL 20 68 1ETER)	ATION 30 86	<u>40</u> 104	50 122
ABL	50 E 2 - M ° C -50	122 ETRIC °C °F -58	0.027 -50 -58 0.000	-40 -40 -0.230	AVERA -30 -22 -0.460	GE TEMPE -20 -4 EXPAN -0.690	RATURE A -10 14 SION OR C -0.920	T TIME OF 0 32 ONTRACTI -1.150	CUTTING 10 50 ON (MM/N -1.380	& INSTALL 20 68 1ETER) -1.610	ATION 30 86 -1.840	40 104 -2.070	50 122 -2.300
ABL	50 E 2 - M •C -50 -40	122 ETRIC °C °F -58 -40	0.027 -50 -58 0.000 0.230	0.024 -40 -0.230 0.000	AVERA -30 -22 -0.460 -0.230	GE TEMPE -20 -4 EXPAN -0.690 -0.460	RATURE A -10 14 ISION OR C -0.920 -0.690	T TIME OF 0 32 0NTRACTI -1.150 -0.920	CUTTING 10 50 ON (MM/M -1.380 -1.150	& INSTALL 20 68 IETER) -1.610 -1.380	ATION 30 86 -1.840 -1.610	40 104 -2.070 -1.840	50 122 -2.300 -2.070
ABL	50 E 2 - M • C -50 -40 -30	122 ETRIC °C °F -58 -40 -22	0.027 -50 -58 0.000 0.230 0.460	0.024 -40 -40 -0.230 0.000 0.230	AVERA -30 -22 -0.460 -0.230 0.000	GE TEMPE -20 -4 EXPAN -0.690 -0.460 -0.230	RATURE A -10 14 ISION OR C -0.920 -0.690 -0.460	T TIME OF 0 32 ONTRACTI -1.150 -0.920 -0.690	CUTTING 10 50 ON (MM/M -1.380 -1.150 -0.920	& INSTALL 20 68 IETER) -1.610 -1.380 -1.150	ATION 30 86 -1.840 -1.610 -1.380	40 104 -2.070 -1.840 -1.610	50 122 -2.300 -2.070 -1.840
ABL	50 E 2 - M [°] C -50 -40 -30 -20	122 ETRIC °C °F -58 -40 -22 -4	0.027 -50 -58 0.000 0.230 0.460 0.690	-40 -40 -0.230 0.000 0.230 0.460	AVERA -30 -22 -0.460 -0.230 0.000 0.230	GE TEMPE -20 -4 EXPAN -0.690 -0.460 -0.230 0.000	RATURE A -10 14 ISION OR C -0.920 -0.690 -0.460 -0.230	T TIME OF 0 32 0NTRACTI -1.150 -0.920 -0.690 -0.460	CUTTING 10 50 ON (MM/N -1.380 -1.150 -0.920 -0.690	& INSTALL 20 68 1ETER) -1.610 -1.380 -1.150 -0.920	ATION 30 86 -1.840 -1.610 -1.380 -1.150	40 104 -2.070 -1.840 -1.610 -1.380	50 122 -2.300 -2.070 -1.840 -1.610
ABL	50 E 2 - M -50 -40 -30 -20 -10	122 ETRIC °C °F -58 -40 -22 -4 14	0.027 -50 -58 0.000 0.230 0.460 0.690 0.920	-40 -40 -0.230 0.000 0.230 0.460 0.690	AVERA -30 -22 -0.460 -0.230 0.000 0.230 0.460	GE TEMPE -20 -4 EXPAN -0.690 -0.460 -0.230 0.000 0.230	RATURE A -10 14 SION OR C -0.920 -0.690 -0.460 -0.230 0.000	T TIME OF 0 32 0NTRACTI -1.150 -0.920 -0.690 -0.460 -0.230	CUTTING 10 50 ON (MM/M -1.380 -1.150 -0.920 -0.690 -0.460	& INSTALL 20 68 (ETER) -1.610 -1.380 -1.150 -0.920 -0.690	ATION 30 86 -1.840 -1.610 -1.380 -1.150 -0.920	40 104 -2.070 -1.840 -1.610 -1.380 -1.150	50 122 -2.300 -2.070 -1.840 -1.610 -1.380
ABL	50 E 2 - M -50 -40 -30 -20 -10 0	122 ETRIC °C °F -58 -40 -22 -4 14 32	0.027 -50 -58 0.000 0.230 0.460 0.690 0.920 1.150	-40 -40 -0.230 0.000 0.230 0.460 0.690 0.920	AVERA -30 -22 -0.460 -0.230 0.000 0.230 0.460 0.690	GE TEMPE -20 -4 EXPAN -0.690 -0.460 -0.230 0.000 0.230 0.460	RATURE A -10 14 SION OR C -0.920 -0.690 -0.460 -0.230 0.000 0.230	T TIME OF 0 32 0NTRACTI -1.150 -0.920 -0.690 -0.460 -0.230 0.000	CUTTING 10 50 ON (MM/M -1.380 -1.150 -0.920 -0.690 -0.460 -0.230	& INSTALL 20 68 (ETER) -1.610 -1.380 -1.150 -0.920 -0.690 -0.460	ATION 30 86 -1.840 -1.610 -1.380 -1.150 -0.920 -0.690	40 104 -2.070 -1.840 -1.610 -1.380 -1.150 -0.920	50 122 -2.300 -2.070 -1.840 -1.610 -1.380 -1.150
ABL	50 E 2 - M -50 -40 -30 -20 -10 0 10	122 ETRIC °C °F -58 -40 -22 -4 14 32 50	0.027 -50 -58 0.000 0.230 0.460 0.690 0.920 1.150 1.380	0.024 -40 -0.230 0.000 0.230 0.460 0.690 0.920 1.150	AVERA -30 -22 -0.460 -0.230 0.000 0.230 0.460 0.690 0.920	GE TEMPE -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 0NTRACTI -1.150 -0.920 -0.690 -0.460 -0.230 0.000 0.230	CUTTING 10 50 ON (MM/M -1.380 -1.150 -0.920 -0.690 -0.460 -0.230 0.000	& INSTALL 20 68 (ETER) -1.610 -1.380 -1.150 -0.920 -0.690 -0.460 -0.230	ATION 30 86 -1.840 -1.610 -1.380 -1.150 -0.920 -0.690 -0.460	40 104 -2.070 -1.840 -1.610 -1.380 -1.150 -0.920 -0.690	50 122 -2.300 -2.070 -1.840 -1.610 -1.380 -1.150 -0.920
ABL	50 E 2 - M -50 -40 -30 -20 -10 0 10 20	122 ETRIC °C °F -58 -40 -22 -4 14 32 50 68	0.027 -50 -58 0.000 0.230 0.460 0.690 0.920 1.150 1.380 1.610	-40 -40 -0.230 0.000 0.230 0.460 0.690 0.920 1.150 1.380	AVERA -30 -22 -0.460 -0.230 0.000 0.230 0.460 0.690 0.920 1.150	GE TEMPE -20 -4 EXPAN -0.690 -0.460 -0.230 0.000 0.230 0.460 0.690 0.920	RATURE A -10 14 SION OR C -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 (ETER) -1.610 -1.380 -1.150 -0.920 -0.690 -0.460 -0.230 0.000	ATION 30 86 -1.840 -1.610 -1.380 -1.150 -0.920 -0.690 -0.460 -0.230	40 104 -2.070 -1.840 -1.610 -1.380 -1.150 -0.920 -0.690 -0.460	50 122 -2.300 -2.070 -1.840 -1.610 -1.380 -1.150 -0.920 -0.690
ABL	50 E 2 - M [°] C -50 -40 -30 -20 -10 0 10 20 30	122 ETRIC °F -58 -40 -22 -4 14 32 50 68 86	0.027 -50 -58 0.000 0.230 0.460 0.690 0.920 1.150 1.380 1.610 1.840	-40 -40 -0.230 0.000 0.230 0.460 0.690 0.920 1.150 1.380 1.610	AVERA -30 -22 -0.460 -0.230 0.000 0.230 0.460 0.690 0.920 1.150 1.380	GE TEMPE -20 -4 EXPAN -0.690 -0.460 -0.230 0.230 0.460 0.690 0.920 1.150	RATURE A -10 14 SION OR C -0.920 -0.690 -0.460 -0.230 0.000 0.230 0.460 0.690 0.920	T TIME OF 0 32 0NTRACTI -1.150 -0.920 -0.690 -0.460 -0.230 0.000 0.230 0.460 0.690	CUTTING 10 50 ON (MM/M -1.380 -1.150 -0.920 -0.690 -0.460 -0.230 0.000 0.230 0.460	& INSTALL 20 68 IETER) -1.610 -1.380 -1.150 -0.920 -0.690 -0.460 -0.230 0.000 0.230	ATION 30 86 -1.840 -1.610 -1.380 -1.150 -0.920 -0.690 -0.460 -0.230 0.000	40 104 -2.070 -1.840 -1.610 -1.380 -1.150 -0.920 -0.690 -0.460 -0.230	50 122 -2.300 -2.070 -1.840 -1.610 -1.380 -1.150 -0.920 -0.690 -0.460
	50 E 2 - M -50 -40 -30 -20 -10 0 10 20	122 ETRIC °C °F -58 -40 -22 -4 14 32 50 68	0.027 -50 -58 0.000 0.230 0.460 0.690 0.920 1.150 1.380 1.610	-40 -40 -0.230 0.000 0.230 0.460 0.690 0.920 1.150 1.380	AVERA -30 -22 -0.460 -0.230 0.000 0.230 0.460 0.690 0.920 1.150	GE TEMPE -20 -4 EXPAN -0.690 -0.460 -0.230 0.000 0.230 0.460 0.690 0.920	RATURE A -10 14 SION OR C -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 (ETER) -1.610 -1.380 -1.150 -0.920 -0.690 -0.460 -0.230 0.000	ATION 30 86 -1.840 -1.610 -1.380 -1.150 -0.920 -0.690 -0.460 -0.230	40 104 -2.070 -1.840 -1.610 -1.380 -1.150 -0.920 -0.690 -0.460	50 122 -2.300 -2.070 -1.840 -1.610 -1.380 -1.150 -0.920 -0.690

			FASTEN	NER SPA	CING - I		ABLE					v1.
2" LINK & LOCK™		PSF (Factored / Ultimate)										
Standard		20	30	40	50	60	70	80	90	100	110	120
	4'											
	6'											
ALLOWABLE SPAN (FT)*	8'											
	10'											

Calculations are using L/180 deflection limits

SUBSTRATE TYPE	SUBSTRATE REQUIREMENTS	ANCHOR DESCRIPTION	MIN. EMBEDMENT	MIN. EDGE DISTANCE
WOOD	Min. specific gravity = 0.55 wood	#12 Pan Head Wood Screw	1-1/2"	1"
STEEL	Min. 18 ga., Min. Fy=33 ksi.	#12 Self-Drilling or Self-Tapping Screw	3 threads penetration past	1/2"
ALUMINUM	Min. 1/8", Min. 6063-T5	(Grade 5)	metal structure	172
CONCRETE	Min. 3000 psi	3/16" ITW Tapcon	1-1/2"	1-3/4"
HOLLOW/GROUT-FILLED CMU	Conforms to ASTM C-90, with Min. compressive strength of 2000 psi	ало пуутарсон	1"	2"

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. Link & Lock is not 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.

			FASTE	NER SPA	ACING -	LOAD T/	ABLE					v.1.1
4" LINK & LOCK™						PSF (F	actored / UI	timate)	1			
Standard W. HD		20	30	40	50	60	70	80	90	100	110	120
	2'											
	4'							Standard	w. Stiffener			
ALLOWABLE SPAN (FT)*	6'					Standard	w. Stiffener		HD			
	8'			Standard v	w. Stiffener		HD					
	10'	Standard v	v. Stiffener		HD							
	12'	Standard v		HD								
*CANTILEVERS are not to exceed half (1/2) the	allowable s	pan to a max	imum of 3'									

Calculations are using L/180 deflection limits

SUBSTRATE TYPE	SUBSTRATE REQUIREMENTS	ANCHOR DESCRIPTION	MIN. EMBEDMENT	MIN. EDGE DISTANCE
WOOD	Min. specific gravity = 0.55 wood	#12 Pan Head Wood Screw	1-1/2"	1"
STEEL	Min. 18 ga., Min. Fy≕33 ksi.	#12 Self-Drilling or Self-Tapping Screw	3 threads penetration past	1/2"
ALUMINUM	Min. 1/8", Min. 6063-T5	(Grade 5)	metal structure	172
CONCRETE	Min. 3000 psi	3/16" ITW Tapcon	1-1/2"	1-3/4"
HOLLOW/GROUT-FILLED CMU	Conforms to ASTM C-90, with Min. compressive strength of 2000 psi	S/16 Trive tapcon	1"	2"

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. Link & Lock is not designed to be a life-safety item. Designs of this nature are the responsibility of the engineer or architect of record.

INSTALLATION NOTES:

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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.

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			FASTE	NER SP/	ACING -	LOAD T/	ABLE					V.
6" LINK & LOCK™			PSF (Factored / Ultimate)									
Standard W. HD Stiffener HD		20	30	40	50	60	70	80	90	100	110	120
	2'											
	4'											Standard Stiffene
ALLOWABLE SPAN (FT) [*]	6'				Standard \	v. Stiffener	HD					
ALLOWADLE SPAN (FT)	8'	Standard \	v. Stiffener		НD							
	10'	Standard \	v. Stiffener	HD								
	12'	HD										

*CANTILEVERS are not to exceed half (1/2) the allowable span to a maximum of 3"

Calculations are using L/180 deflection limits

SUBSTRATE TYPE	SUBSTRATE REQUIREMENTS	ANCHOR DESCRIPTION	MIN. EMBEDMENT	MIN. EDGE DISTANCE
WOOD	Min. specific gravity = 0.55 wood	#12 Pan Head Wood Screw	1-1/2"	1"
STEEL	Min. 18 ga., Min. Fy=33 ksi.	#12 Self-Drilling or Self-Tapping Screw	3 threads penetration past	1/2"
ALUMINUM	Min. 1/8", Min. 6063-T5	(Grade 5)	metal structure	172
CONCRETE	Min. 3000 psi	3/16" ITW Tapcon	1-1/2"	1-3/4"
HOLLOW/GROUT-FILLED CMU	Conforms to ASTM C-90, with Min. compressive strength of 2000 psi	and inwitabion	1"	2"

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

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			FASTE	NER SPA	CING - I	LOAD TA	ABLE					v1.1
8" LINK & LOCK™			PSF (Factored / Ultimate)									
8" LINK & LOCK IM Standard Standard W. Stiffener HD		20	30	40	50	60	70	80	90	100	110	120
	2'											
	4'					Standard v	w. Stiffener					HD
ALLOWABLE SPAN (FT)*	6'			Standard w. Stiffener	HD							
	8'	Standard v	v. Stiffener	нр								
	10'	HD										
*CANTILEVERS are not to exceed half (1/2) the	allowables	span to a max	kimum of 3'									

Calculations are using L/180 deflection limits

SUBSTRATE TYPE	SUBSTRATE REQUIREMENTS	ANCHOR DESCRIPTION	MIN. EMBEDMENT	MIN. EDGE DISTANCE
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STEEL	Min. 18 ga., Min. Fy=33 ksi.	#12 Self-Drilling or Self-Tapping Screw	3 threads penetration past	1/2"
ALUMINUM	Min. 1/8", Min. 6063-T5	(Grade 5)	metal structure	172
CONCRETE	Min. 3000 psi	3/16" ITW Tapcon	1-1/2"	1-3/4"
HOLLOW/GROUT-FILLED CMU	Conforms to ASTM C-90, with Min. compressive strength of 2000 psi	- 3/16 11 W Tapcon	1"	2"

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			FASTE	NER SPA	CING -	LOAD TA	ABLE					v1.2
4X4 I INK & LOCK™			PSF (Factored / Ultimate)									
4X4 LINK & LOCK™ Standard		20	30	40	50	60	70	80	90	100	110	120
	8'											
ALLOWABLE SPAN (FT)* 10' 12' CANTILEVERS are not to exceed 3'												

Calculations are using L/180 deflection limits

SUBSTRATE TYPE	SUBSTRATE REQUIREMENTS	ANCHOR DESCRIPTION	MIN. EMBEDMENT	MIN. EDGE DISTANCE
WOOD	Min. specific gravity = 0.55 wood	#12 Pan Head or Flanged Hex Head Wood Screw	1-1/2"	1"
STEEL	Min. 18 ga., Min. Fy=36 ksi.	#12 Self-Drilling or Self-Tapping Screw Pan Head or Flanged Hex Head Wood	3 threads penetration past	1/2"
ALUMINUM	Min. 1/8", Min. 6063-T5	Screw (Grade 5)	metal structure	1/2
CONCRETE	Min. 3000 psi	2/10" ITM Tanana	1-1/2"	1-3/4"
HOLLOW/GROUT-FILLED CMU	Conforms to ASTM C-90, with Min. compressive strength of 2000 psi	3/16" ITW Tapcon 1"		2"

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	1		FASTE	NER SPA	CING -	LOAD T/	ABLE					v.1.2
4X6 LINK & LOCK™						PSF (F	actored / U	ltimate)				
Standard		20	30	40	50	60	70	80	90	100	110	120
8' ALLOWABLE SPAN (FT)* 10'	8'											
	10'											
	12'											Í
*CANTILEVERS are not to exceed 3'												<u>.</u>

Calculations are using L/180 deflection limits

SUBSTRATE TYPE	SUBSTRATE REQUIREMENTS	ANCHOR DESCRIPTION	MIN. EMBEDMENT	MIN. EDGE DISTANCE
WOOD	Min. specific gravity = 0.55 wood	#12 Pan Head or Flanged Hex Head Wood Screw	1-1/2"	1"
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ALUMINUM	Min. 1/8", Min. 6063-T5	Screw (Grade 5)		1/2
CONCRETE	Min. 3000 psi	2/42" ITM Tanana	1-1/2"	1-3/4"
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TABLE 9

			LINK 8	LOCK™ BRAC	KET MAX. SP	ACING (FT)				
INSPIRING ARCHITECTURE					WIND LOAD PSF (F	ACTORED/ULTIN	IATE)			
LINK & LOCK™ BATTEN	30	40	50	60	70	80	90	100	110	120
1-5/8" x 2"	10'		8'		6'		4'		2'	
1-5/8" x 4"	8'		6'		4'			2'		
1-5/8" x 4" w. Internal Stiffener	12'	10'		8'		6'		4	Ľ	
1-5/8" x 6"	6'			4'			3'		2	<u>2'</u>
1-5/8" x 6" w. Internal Stiffener	10'	8'	6'			4'		3	}'	2'
1-5/8" x 8"	6'	4'				:	2'			
1-5/8" x 8" w. Internal Stiffener	8'	6'		4'			3'		2	<u>2</u> '
2" x 4" HD	1	2'	10'	8'		6'			4'	
2" x 6" HD	10	8'		6'		4'			3'	
2" x 8" HD	8'	6'		4'			3'			2'

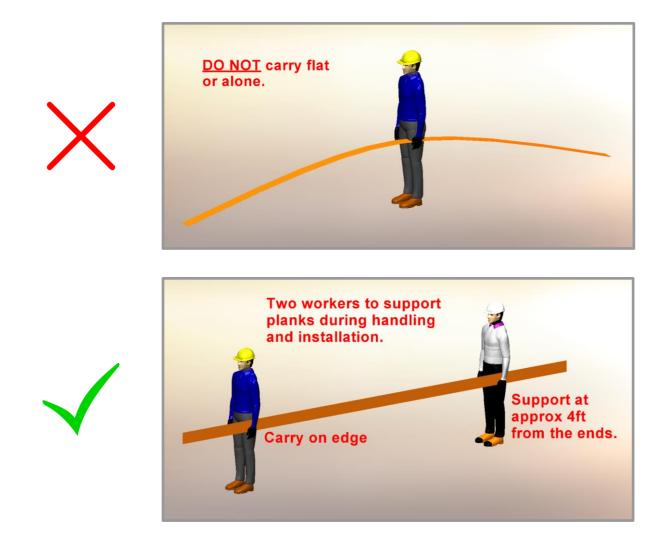
note 1 Factored Wind Load: max. 168 LBS/EA Bracket note 2 Factored Dead Load: max. 29 LBS/EA Fixed Bracket Recommended torque value for Link & Lock™ to Bracket attachment: note 3 Fixed Bracket 1/4" -20 Socket Head Screw, 60-72 in/lbs + prevailing torque of self-locking nut note 4 Sliding Bracket 1/4" -20 Socket Head Screw, 48-60 in/lbs + prevailing torque of self-locking nut 2024

April 25,

Proper Handling of Longboard Products



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



A Delivery, Storage & Handling

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

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

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

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



Tongue & Groove Systems

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

LONGBOAR

INSPIRING ARCHITECTURE

®

V-Groove

Planks

Bevel

Planks

Pens

Smooth Planks

Size	12' *	24' *	12' Perf *	24' Perf *
6″	6PSP.145	6PSP.289	6PSPP.145	6PSPP.289

Channel Planks

Siz	e 12' *	24′ ‡	12' Perf *	24' Perf *
6″	6CH.145	5 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	-	-

Trim Components

Туре	Style	Product	Dimensions	SKU
Starter	Precision	Starter J-Track	(5/8") - 12'	1SJT.145
Starter	Traditional	Starter Strip	(1-7/8'') - 12'	2SS.145
Starter	Traditional	Back-to-Back Starter Strip	(1-1/4")	2BTBSS.145
J-Track	Precision	Two Piece J-Track	(5/8") - 12'	1X1JT.145
J-Track	Precision	J-Track	(5/8") - 12'	1JT.145
J-Track	Craftsman	J-Track	(7/8") - 12'	JT23.145
J-Track	Craftsman	Two Piece J-Track	(7/8") - 12'	JT23S.145
J-Track	Traditional	Two Piece J-Track	(1-3/8") - 12'	1X2JT.145
Corner	Precision	Outside Corner	(3/16'') - 12'	050C.145
Corner	Craftsman	Inside Corner	(3/4") - 12'	1IC.145
Corner	Craftsman	Outside Corner	(1'') - 12'	10C.145
Corner	Traditional	Corner Set	(2") - 12'	2CORS.145
Corner	Traditional	3" Smooth	(3") - 24	3SCP.289
Corner	Traditional	3" V-Groove	(3") - 24'	3VCP.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





Planks



EXTERIOR

Order Information

Perforated Planks



Castellation

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					
U-Shim	1/16" U-SHIM	250, bag	SHIM.1001					
	Butt- Joint Fastening Kit (6")	20 kits, bag	TGBJKIT					
AND NO.	Touch Up Pens Reach out to confirm color with account manager.	N/A	TUP					
Touch-up								





Traditional Starter Strip

Craftsman J-Track

Craftsman

Inside Corner

Traditional 3" V Groove Corner

Traditional Back-to-Back Starter Strip



Precision J-Track



Precision Outside

Corner





Corner





Precision T&G

Traditional 3" Smooth Corner



Craftsman U-Reveal Set



Traditional





T&G U-Reveal

Traditional Offset



Termination Set

Traditional Flat **Reveal Set**

Precision



Se















Precision Two-Piece J-Track



Craftsman Two Piece J-Track

J-Track





Precision Flat Reveal



















Traditional Termination Set

Flat Reveal Set,

J-Track Base

Termination

+18006040343 longboardproducts.com • info@longboardproducts.com

Craftsman

Residential Systems

Lap Siding	48 sq. ft. box quantities
Size	12'
6"	6L.145

Qty

1750, box

100, bag

20 kits, bag

Board & Batten 56 sq.ft. box quantities Size 12' 7" 7BB.145



Quick Screen

Traditional J Track

Lap Siding (Double) Board & Batten (Double)





Board & Batten Back to Back Starter



Traditional Compression Joint Traditional Two piece J-Track

Trim Components

Butt- Joint Fastening Kit (6")

Reach out to confirm color with N/A

Accessories Product

Quick Screen Clips

Quick Screen Clips

Touch Up Pens

account manager.

Туре	Style	Product	Dimensions	SKU
J Track	Traditional	J Track	(1-3/8")-12'	JT35.145
J Track	Traditional	Two Piece J Track	(1-3/8")-12'	JT23S.145
Compression	Traditional	Compression Joint	(1-3/8")-12'	2CJ.289
Corner	Traditional	Corner Set	(1"-2") - 12'	2CORS.145
Reveal	Traditional	Flat Reveal Set	(1-1/2") - 12'	2FRS.145
Reveal	Traditional	Offset Flat Reveal Set	(2") - 12'	20FFJ.145
Reveal	Traditional	U-Reveal Set	(1-1/2") - 12'	2URS.145
Starter	Traditional	Back to Back Starter	(5.5")-12'	6BTBS.145
Starter	Traditional	Starter Strip	(1-7/8")-12'	2SS.145
Drip Edge	Traditional	Drip Edge	(1-3/8")-12'	2DE.145

SKU

CLIP.N1750 CLIP.N100

TGBJKIT

TUP



Traditional U Reveal Set



Traditional Starter Strip

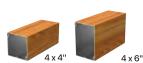


Drip Edge

Link & Lock[™] Battens

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





Batten

Link & Lock ™ Box Battens

Mounting Accessories	Qty	SKU
Link & Lock Mounting Clip	48, bag	LLMC.N48
Link & Lock™ Isolation Washer	48, bag	LLIW.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™ Mounting Brackets

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





Isolation Washer





Dewalt® Drill Bit Internal Stiifener

Fixed / Sliding Link & Lock ™ Mounting Brackets

Privacy Beam System

Batten

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



Scan the QR code to explore our Finishes on our Website

Achieve your Vision.

Mounting Accessories Qty Spacer Block 100, box 1" Spacer Bar Stock Length 1 1x3" Spacer Bar 100, box 1x5" Spacer Bar 100, box 3" Mounting Bracket 100. box #10 Black Screws 100, box

SKU	1
2X2SB.N100	
1X2FB.145	1x3
1X2FB.1	
1X2FB.3	
3PSMB.1	
PECS.N100	Spacer Bar





Mounting Bracket

ANAB \triangle Certilied to ISO 14001:2015

ANAB 4 Certified to

+18006040343

longboardproducts.com • info@longboardproducts.com

Single / Dual



Finish Options

Achieve your vision.

Whether creating a space that offers the warmth and appearanc^e 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 / Glossv 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.



Naturally Aged Metals



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

Textured Matte Naturally Aged Metal

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

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

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



NATIONAL WARRANTY



(Canada & USA only)

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

Warranty granted to (building owner):	Product codes: Product description:		Install contractor
			Project name
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.			Project address
		Address 2	Install start date
	Finish:	Date of s	substantial completion

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

Clause 1

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

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

Product Finish - AAMA 2604 Performance Specification

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

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

Clause 3

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

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

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

4.8

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

Date:

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

Name of owner or contractor:	Date:
Signature:	



Duly authorized on behalf of Longboard:

Name and designation:

Signature:

longboardproducts.com

Longboard Architectural Products

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

1 800 604 0343

info@longboardproducts.com



NATIONAL WARRANTY (Canada & USA only)



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

Warranty granted to (building owner):	Product codes: Product description:		Install contractor
			Project name
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.			Project address
		Address 2	Install start date
	Finish:	Date of s	substantial completion

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

Clause 1

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

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

Product Finish - AAMA 2605 Performance Specification

- During the first twenty (20) years of this warranty: Checking/Cracking: No visible checking or cracking of the product finish on the building. Chalking Resistance: No chalking of the product finish on the 2.2

Name of owner or contractor:

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

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

Clause 3

- Warranty Terms and Conditions: 3.1
- Warranty Period Tor 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 3.2
- 3.3 from substatial completion for the warranty to be in effect. This warranty is valid for the original owner and one other subsequent owner of the structure where the product(s) have been installed
- 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. The product finish warranties as outlined in Clause 2 shall 3.4
- 3.5 include coverage of the finish as it relates to the impact effects from hail and woodpecker birds. Under no circumstance shall Longboard's liability under this limited
- 3.6 warranty exceed 2.5 times the total corresponding Longboard material cost (excluding sales tax, labor and installation related costs) as noted on the original purchase invoice and paid by the Buver for the specific project.

Claus

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

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

4.8

- This warranty represents the entire agreement between parties in relation to its subject matter and supersedes any previous agreement whether written or oral between the parties in relation to its subject matter. The limited warranties state 4.9 the entire liability of Longboard with respect to the products covered by them. The Company shall have no liability for any incidental or consequential damages. No person is authorized to make any representation or warranty on behalf of Longboard except as expressly set forth above, and any such statement shall not be binding on The Company. Except as expressly set forth above, Longboard makes no warranty of any kind, express or implied, including, without limitation, any implied warranty of merchantability or fitness for a particular purpose. Warranties shall be the duration of the limited warranty, or such shorter duration as provided under applicable local law. These limited warranties give you specific legal rights, and you may also have other rights which vary from area to area.
- Nothing in this warranty shall be construed as a warranty of the workmanship of any installer or as imposing on Longboard any 4.10
- 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 4.11 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 4.12 Longboard Care & Maintenance Guide. Use a sort sponge or cloth, water and mild detergent, non-abrasive soap with the pH range of 5-9 to clean the powder coated area of dirt, grim and other debris. Pressure washing and the use of harsh detergents or chemicals is not recommended. Include in your maintenance records the following: date, time, specific products used, name of maintenance person and their signation, maintenance company name and general condition of the powder coated finish.

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

	K
	,

Duly authorized on behalf of Longboard:

Date:	Name and designation:	Date:
	Signature:	

Signature:

info@longboardproducts.com

longboardproducts.com

20 YEAR PINNACLE WARRANTY V06AUG2024