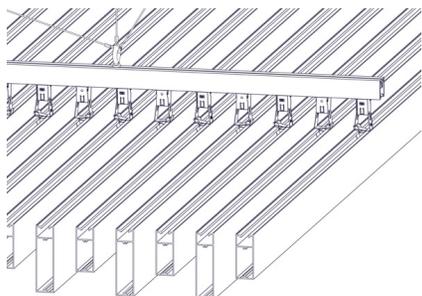
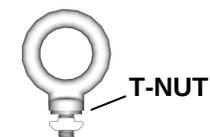


# DAUNTLESS BAFFLE CEILING SYSTEM

## TYPICAL ISOMETRICS

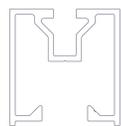


## EYEBOLT



T-NUT

## SINGLE RAIL

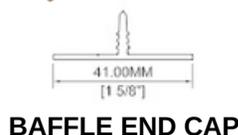


4"



6"

## HANGER CLIP



## BAFFLE END CAP

## PROFILES

1-5/8" X 4" & 6" - Standard Lengths: 24'

## COMPONENTS

1-1/2" Rail - Standard Lengths: 24'  
Baffle Snap Cap - Standard Lengths: 12'  
Eyebolts, Hanger, Baffle End Cap, Baffle Spline - Units (1pc)

## FINISHES

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

## ATTACHMENT

Rail spacings to be calculated by design team to suit layout and project requirements, suspended from structure above (by others) \*refer to submittal package for load calculation data

1-1/2" Rail - Standard Lengths: 24'  
Eyebolts - @ 4' O.C. (7 for 24' length)  
Hanger, Baffle End Cap, Baffle Spline - Units (1pc)

## BIM & CAD

RVT & DWG files available, see website for details

## LEAD TIME

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

## TECHNICAL SPECIFICATIONS

### PHYSICAL DATA

6063-T5 Extruded Aluminum  
100% Recyclable  
Warranty: Finish:15 year (standard)/20 year\* (ultra) (\*10 week lead time);  
Aluminum: 50 year  
Baffle Weight (lbs/lf): 1.3 (4"); 1.6 (6")

### TESTING

ICC-ESR 4184 Evaluation Report - Division: 05 00 00 - METALS  
• Section: 05 50 00 - Metal Fabrications  
CAN/ULC S102  
CAN/ULC S114

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



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



**Acoustical Rating with insulation:** NRC up to 0.79



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



[info@longboardproducts.com](mailto:info@longboardproducts.com)

[longboardproducts.com](http://longboardproducts.com)

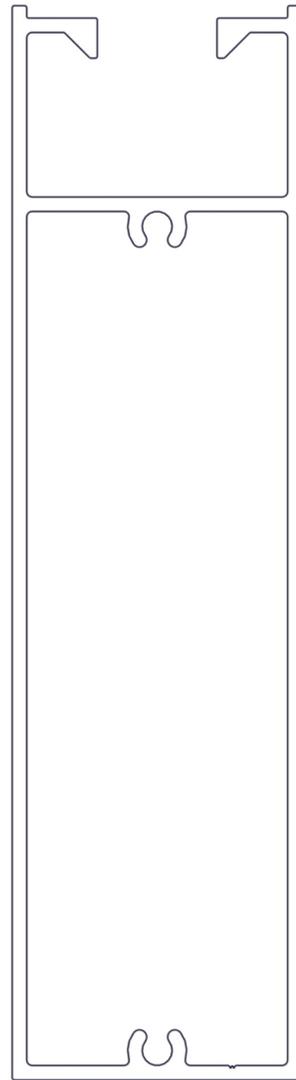
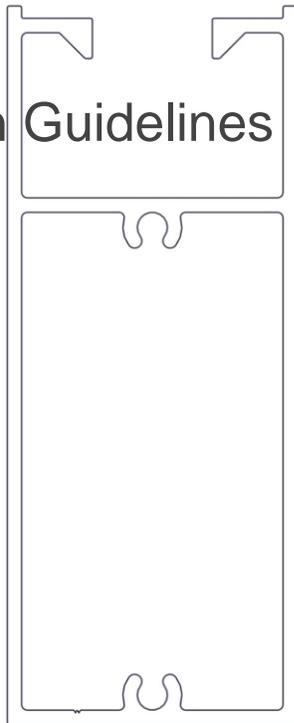
800 604 0343



**LONGBOARD®**  
ARCHITECTURAL PRODUCTS

# Dauntless Interior Ceiling System

Installation Guidelines



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## Material Specifications

### Finishes

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

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

### Material Ordering & Delivery

- 
- **Packaging:** Dauntless Beams are sold in sizes of 1 5/8" x 4" & 6" x 24' lengths  
End caps are sold by the box: 20 caps/bx.
- 
- **Shipping:** Lead time is 3-6 business days\* + shipping (*\*subject to change*), delivered on 24' (7.3m) long skids weighing up to 2000 lbs. A mechanical lift with forks is required on site to receive the order.
- 
- **QC:** Always inspect the delivery for damage and contact LB ASAP if there are any issues: [info@longboardproducts.com](mailto:info@longboardproducts.com) or 1-800-604-0343 and include your PO# and any pictures if possible. Mark the delivery receipt as "damaged" and accept the delivery as-is. Longboard is not responsible for the installation of blemished or damaged material.

### Storage & Handling

Be sure to store the material flat, keep it dry, safe & secure and remain in unopened cartons until ready to be installed.

See **Appendix for proper handling and care instructions.**

### Cleaning Recommendations

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

See **Cleaning Guide for full requirements:** [longboardproducts.com](http://longboardproducts.com)

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

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

### Warranty

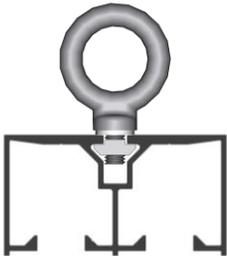
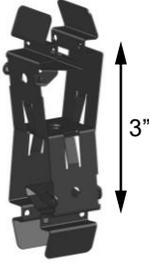
Upon substantial completion of the project, register for warranty online here: [longboardproducts.com/warranty](http://longboardproducts.com/warranty)

**⚠** Registration is required for the warranty to be in effect.

## Components

### Components (Typical)

Longboard Dauntless Interior Ceiling System consists of a Beam, End Cap, Hanger, Rail, and Eyebolt. For all LB components go to [longboardproducts.com](http://longboardproducts.com).

 <p><b>4" Beam</b> 2X4CB.289</p>	 <p><b>6" Beam</b> 2X6CB.289</p>	 <p><b>Single Carrier Rail</b> Incl. Eyebolt w. T-Nut CBR.289</p>	 <p><b>Double Carrier Rail</b> Incl. Eyebolt w. T-Nut CBDR.289</p>
 <p><b>Side Carrier Rail</b> -For Hanger Bracket 2CBSR.289</p>	 <p><b>End Cap</b> 2BEC.4,6</p>	 <p><b>Hanger Clip</b> HC.3</p>	 <p><b>Spline Connector</b> with Set Screws BSCT.6</p> <p> 1/8" Allen Key (not included)</p>
 <p><b>Hanger Bracket</b> 2" typical, special order: 4", 6", 8", 10", 12" CBHB.2,4,6,8,10,12</p> <p> 3/16" Allen Key (not included)</p>			

## Tools/Cutting/Fastening

### Tools

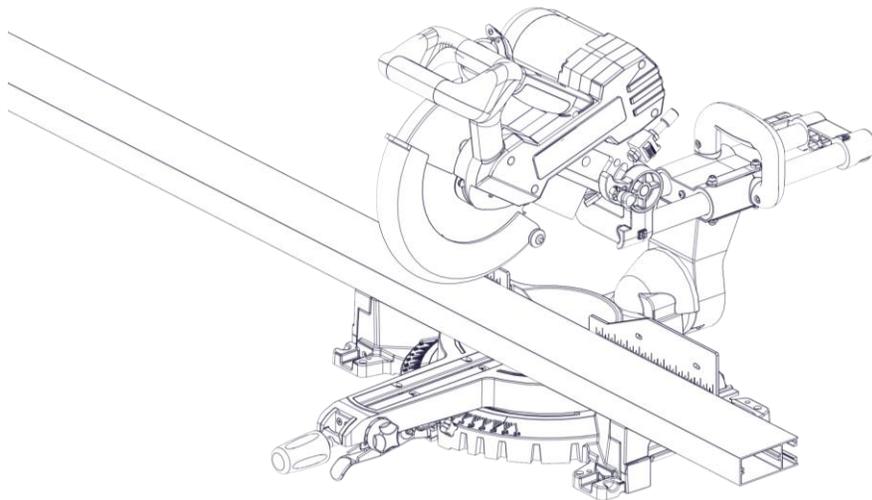
Commonly used tools for Dauntless install.

<p>Miter Saw with Carbide Metal Blade Non-Ferrous 60-80T (for aluminum)</p>	<p>Laser Level</p>	<p>Chalk Line or String Line</p>	<p>Tape Measure</p>
<p>Level</p>	<p>Rubber Mallet (or Hammer)</p>	<p>Paint Pen</p>	

### Cutting

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

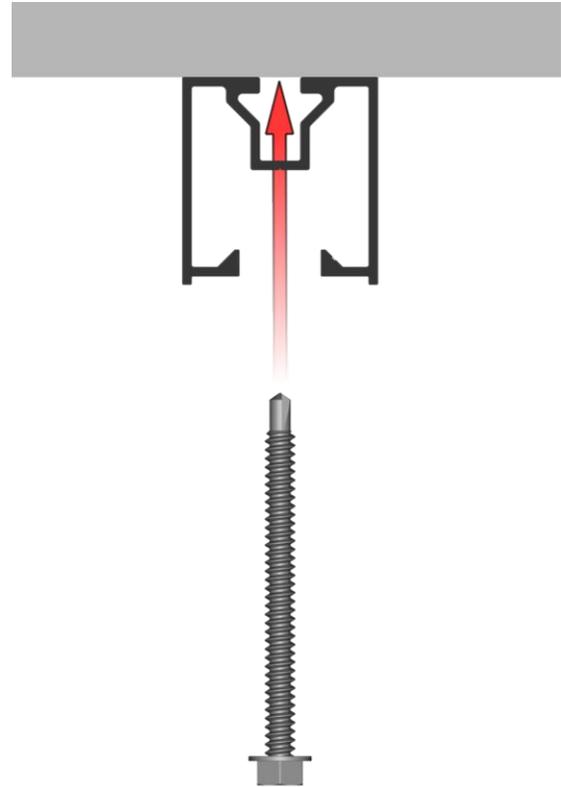
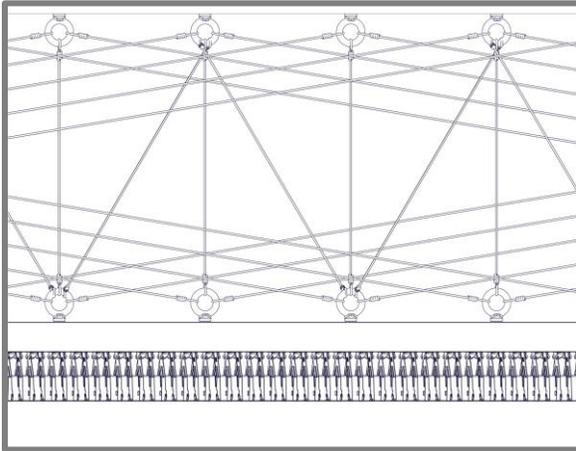
Cut girts using a Miter/Chop Saw to terminate to accurately measured distances between subsequent girts and area limitations.



### Fastening

Longboard Dauntless system consists of Beams attached to Rails which are hung from a structure above. Using Eyebolts, the Dauntless system can be suspended from the ceiling to the Rail system with wires or threaded rod (supplied by others). The Rails can also be attached directly to the ceiling or structure. The attachment from the Rail or Eyebolts are done by others.

**⚠ All fasteners should be compatible with the substrate type. Fasteners should be anchored into a solid secure framing member.**

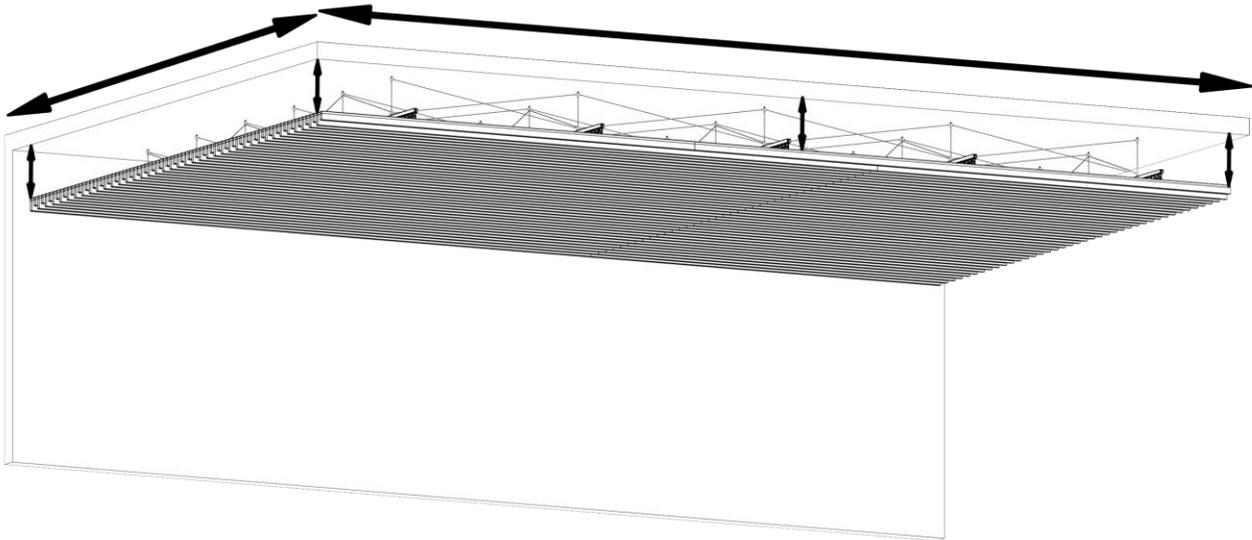


## System Install

### System layout

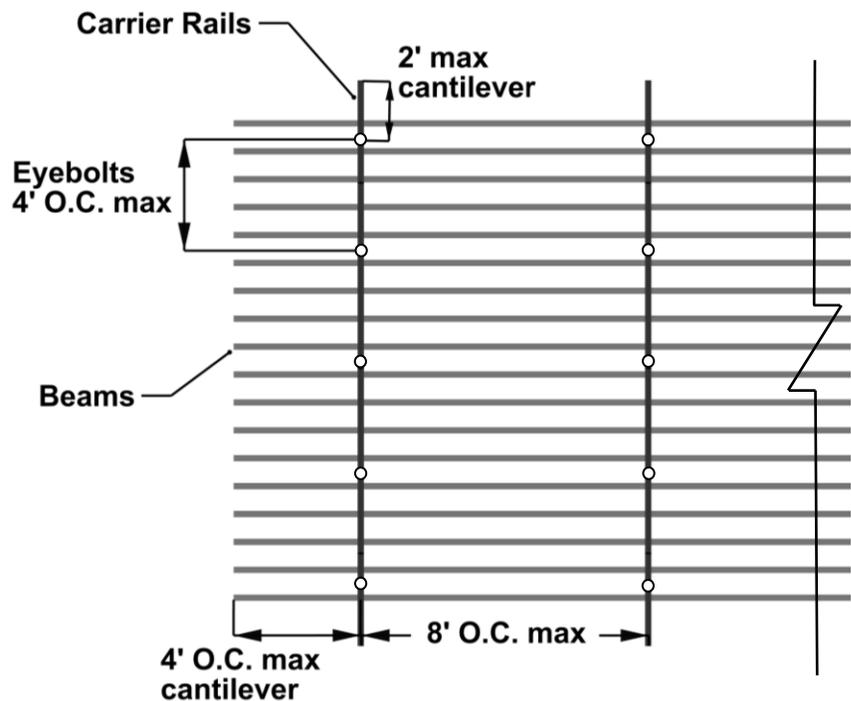
#### Perimeter area and drop depths

Measure and layout your ceiling system taking into consideration corners, bends and drop depths from ceiling. Make sure to mark and level out the drop depth of the Rails so they line up with the install of the Dauntless Beams.



#### Typical layout

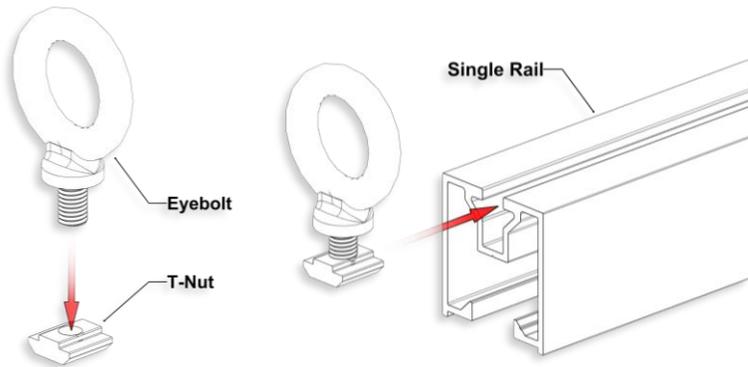
- Carrier Rails @ 8' O.C. max spacings (2' max cantilever)
- Eyebolts @ 4' O.C. max spacings
- Hanger Clip placed at desired Beam spacing
- Must use at least two attachment points per Beam and Rail



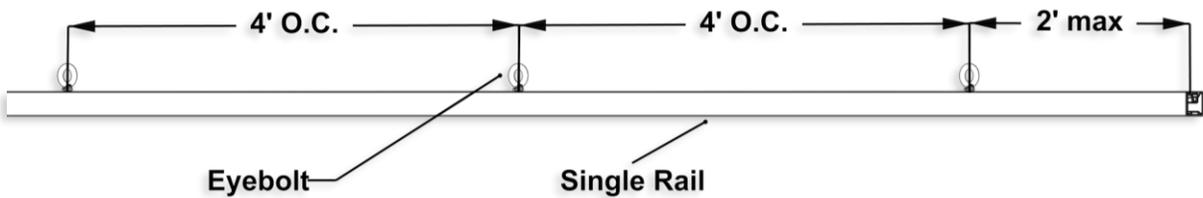
## Install Rail system

### Step 1 -Eyebolt Install

Measure and cut Rails for the required area. Measure and install Eyebolts every 4' O.C. max with a 2' max cantilever. Slide the Eyebolt and T-Nut onto each Rail and tighten the Eyebolt once in position.

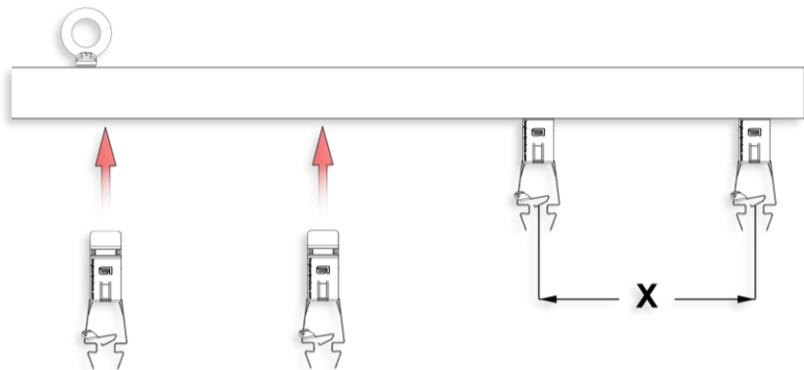


**⚠ Note:** Tighten Eyebolt all the way so it is not loose.

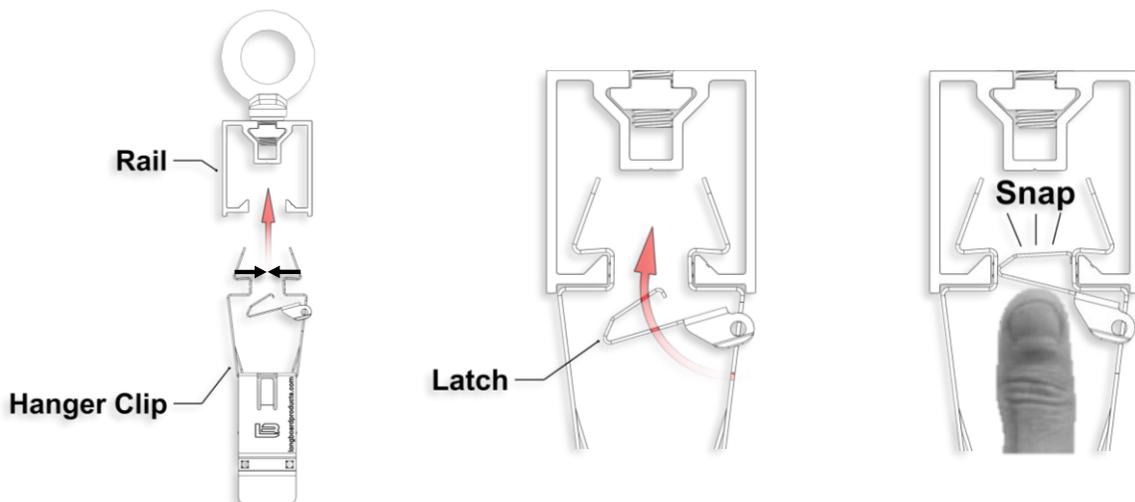


### Step 2 -Hanger Clip Install

Measure desired Beam spacings on the Rail (X) and install Hanger Clips as shown. The Hanger Clip is designed with a Latch that when pressed locks the Hanger Clip into place. Using thumb, press with pressure to snap the Latch into place. See images for details.

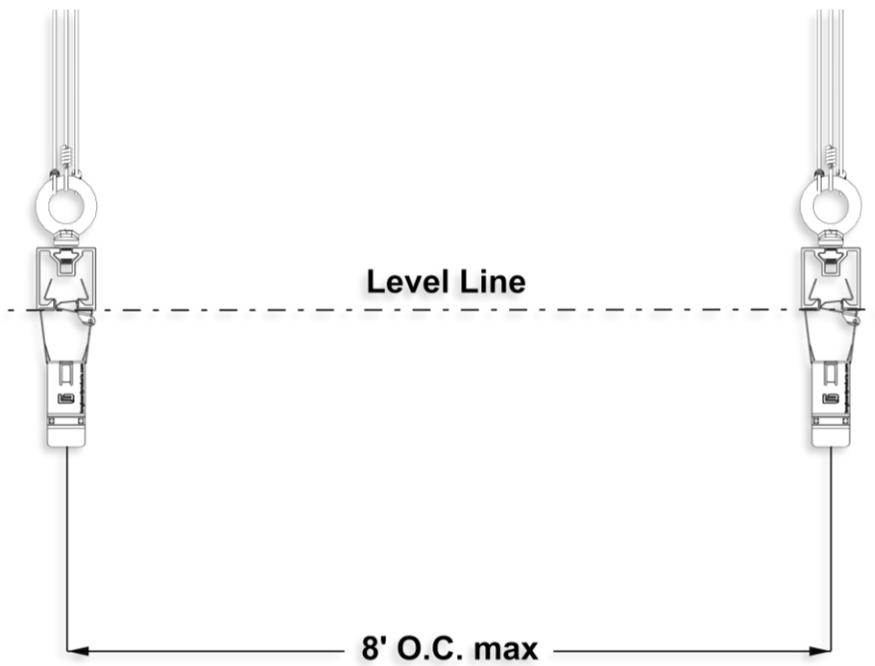
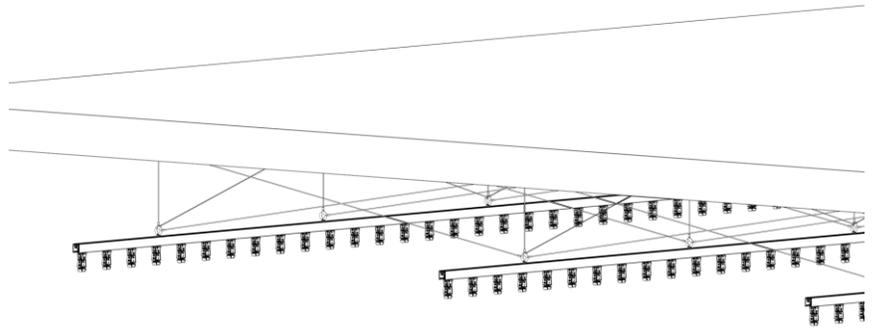


**⚠ Note:** The Hanger Clip is universal so it can be installed either end into the Rail or Beam.



**Step 3 -Rail Install**

Install Rails with Hanger Clips onto ceiling structure with wires or Ready Rod. Make sure to level out the Rails so they are all plumb and straight.



## Install Beams

### Step 4 -Beam Preparation

Measure and cut Beams for the required area.

Use a Paint Pen on the cut ends and install End Caps. End Caps are friction fit and if needed can be installed with a Rubber Mallet to protect the finish.



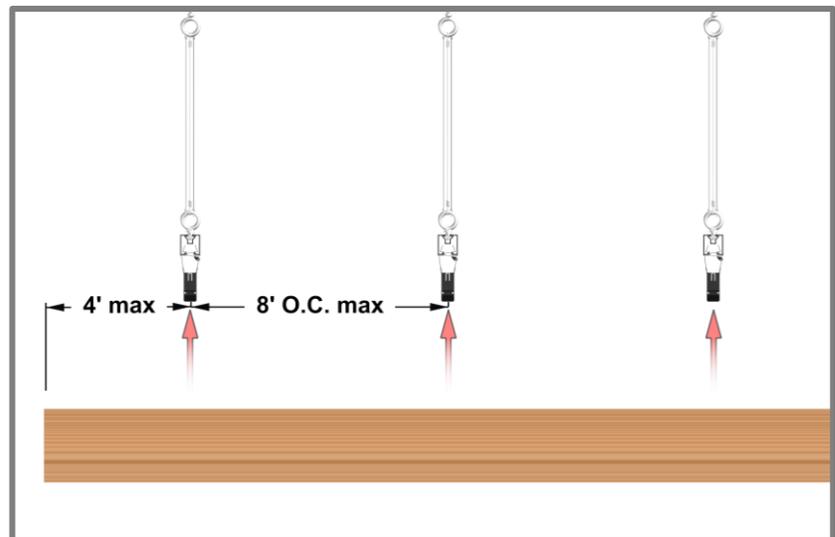
### Step 5 -Beam Install

Lift Beams into place onto the Hanger Clips previously installed on the Rails.

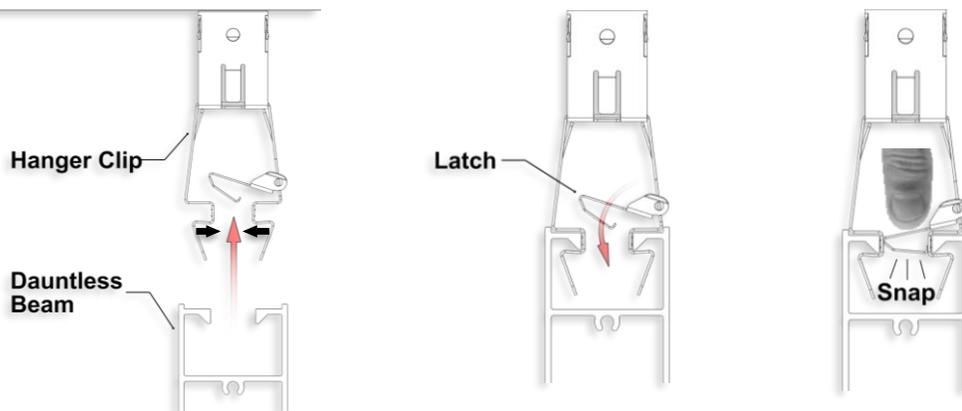
Using the Latch, snap the Beam into place for every hanger Clip along the length. Make sure to check that Beams are level, plumb and straight.

**⚠ Note:** Make sure every Hanger Clip is attached and snapped onto the Beam.

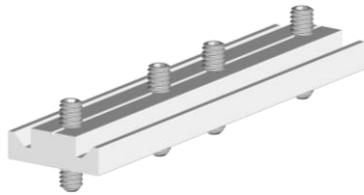
Repeat Steps 4 & 5 for the rest of the Beams.



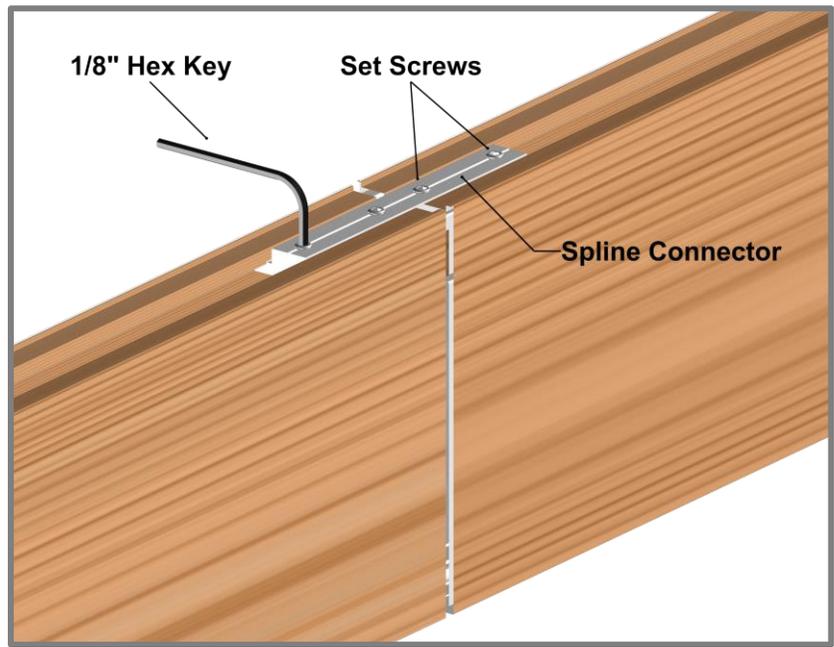
### Single Rail



Spline Connectors are used to connect Dauntless Beams together to achieve a seamless look for linear runs greater than 24'. A 1/8" Hex Key is used (by others) to tighten the Set Screws once in the desired position. Spline Connector and Set Screws are purchased separately.



**Spline Connector  
with Set Screws**





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Abbotsford, BC V2T 8X8  
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[longboardproducts.com](http://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](mailto:info@longboardproducts.com) or call toll free 1-800-604-0343.

## Tongue & Groove Systems

### V-Groove Planks

\* 48 sq. ft. box quantities † 96 sq. ft. box quantities

Size	12' *	24' †	12' Perf *	24' Perf †
2½"	3V.145	-	3VP.145	-
4"	4V.145	4V.289	-	-
6"	6V.145	6V.289	6VP.145	6VP.289

### Smooth Planks

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

### Channel Planks

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

### Bevel Planks

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

### Castellation Planks

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

## Trim Components

Type	Style	Product	Dimensions	SKU
Starter	Precision	Starter J-Track	(5/8") - 12'	1SJT.145
Starter	Traditional	Starter Strip	(1-7/8") - 12'	2SS.145
Starter	Traditional	Back-to-Back Starter Strip	(1-1/4")	2BTBSS.145
J-Track	Precision	Two Piece J-Track	(5/8") - 12'	1X1JT.145
J-Track	Precision	J-Track	(5/8") - 12'	1JT.145
J-Track	Craftsman	J-Track	(7/8") - 12'	1JT23.145
J-Track	Craftsman	Two Piece J-Track	(7/8") - 12'	JT23S.145
J-Track	Traditional	Two Piece J-Track	(1-3/8") - 12'	1X2JT.145
Corner	Precision	Outside Corner	(3/16") - 12'	05OC.145
Corner	Craftsman	Inside Corner	(3/4") - 12'	1IC.145
Corner	Craftsman	Outside Corner	(1") - 12'	1OC.145
Corner	Traditional	Corner Set	(2") - 12'	2CORS.145
Corner	Traditional	3" Smooth	(3") - 24'	3SCP.289
Corner	Traditional	3" V-Groove	(3") - 24'	3SVP.289
Reveal	Precision	Flat Reveal	(1/2") - 12'	1FR.145
Reveal	Precision	T&G Flat Reveal	(1/2") - 24'	1TGRF.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'	2OFFJ.145
Reveal	Traditional	Offset Flat Reveal Set, Termination Base	(2") - 12'	2OFFT.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

## Accessories

Product	Qty	SKU
Quick Screen Clips	1750, box	CLIP.N1750
Quick Screen Clips	100, bag	CLIP.N100
Touch Up Pens	N/A	TUP

Reach out to confirm color with account manager.

## Acoustical Soundtex® Scrim

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



V-Groove Planks



Smooth Planks



Bevel Planks



Castellation Planks



Perforated Planks



Channel Planks



Precision Starter J-Track



Traditional Starter Strip



Traditional Back-to-Back Starter Strip



Precision Two-Piece J-Track



Precision J-Track



Craftsman J-Track



Craftsman Two Piece J-Track



Traditional Two Piece J-Track



Precision Outside Corner



Craftsman Inside Corner



Craftsman Outside Corner



Traditional Corner Set



3" Smooth Corner



3" V Groove Corner



Precision Flat Reveal



Precision T&G Flat Reveal



Craftsman U-Reveal Set



Craftsman T&G U-Reveal



Traditional U-Reveal Set



Traditional Flat Reveal Set



Traditional T&G U-Reveal



Traditional Offset Flat Reveal Set, J-Track Base



Traditional Offset Flat Reveal Set, Termination Base



Precision Termination Set



Craftsman Termination Set



Traditional Termination Set



Traditional Compression Joint

## Link & Lock™ Battens

Size	12'	24'	End Caps (20/box)	End Mounts (20/box)
2"	2X2LL.145	2X2LL.289	2LLEC.2	2LLEM.2
4"	2X4LL.145	2X4LL.289	2LLEC.4	2LLEM.4
6"	2X6LL.145	2X6LL.289	2LLEC.6	2LLEM.6
8"	2X8LL.145	2X8LL.289	2LLEC.8	2LLEM.8

### Link & Lock™ HD Battens

6"	2X6LLHD.145	2X6LLHD.289	2LLHDEC.6	2LLHDEM.6
8"	2X8LLHD.145	2X8LLHD.289	2LLHDEC.8	2LLHDEM.8

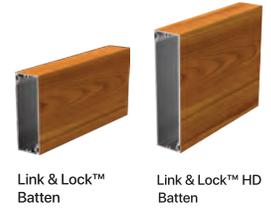
### Link & Lock™ Box Battens

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



Link & Lock™ Box Battens

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



Link & Lock™ Batten

Link & Lock™ HD Batten

### Link & Lock™ Mounting Brackets

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



Single

Dual

Link & Lock™ Mounting Brackets

## Privacy Beam System

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

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



Privacy Beam

## Dauntless System

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

### Hanger Bracket Mounting System

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

### Clip Mounting System

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

<sup>A</sup>Includes 7 Eye-Bolts with T-Nuts



Clip Assembly



Hanger Bracket Assembly

# Finishes

## Woodgrains

Woodgrain	15 Year Finsh Warranty	20 Year Finish Warranty
<b>Beechwood</b>	15BEE	-
<b>Black Oak</b>	15BKO	-
<b>Birchwood</b>	15BWD	-
<b>Blonde Oak</b>	15BOK	-
<b>Burnt Cherry</b>	15BCY	-
<b>Dark Acacia</b>	15DAC	20DAC
<b>Dark Antique Oak</b>	15DAO	-
<b>Dark Bamboo</b>	15DBB	20DBB
<b>Dark Cherry</b>	15DCY	20DCY
<b>Dark Fir</b>	15DFR	20DFR
<b>Dark Knotty Pine</b>	15DKP	20DKP
<b>Dark National Walnut</b>	15DNW	20DNW
<b>Dark Olive</b>	15DOL	-
<b>Dark Walnut</b>	15DWL	-
<b>Driftwood</b>	15DWO	-
<b>Eirey Douglas</b>	15GDF	-
<b>Grey Hemlock</b>	15GHL	-
<b>Italian Rosewood</b>	15IRW	20IRW
<b>Light Bamboo</b>	15LBB	20LBB
<b>Light Cherry</b>	15LCY	-
<b>Light Fir</b>	15LFR	20LFR
<b>Light National Walnut</b>	15LNW	-
<b>Light Oak</b>	15LOK	-
<b>Light Olive</b>	15LOL	-
<b>National Mahogany</b>	15NMH	20NMH
<b>Southern Yellow Pine</b>	15SYP	-
<b>Table Walnut</b>	15TWL	20LFR
<b>Western Cedar</b>	15WCD	-
<b>White Oak</b>	15WOK	-

## Solid & Specialty

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

## Naturally Aged Metals

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

### Example of complete product SKU

6V.289.15DFR  
(Product.Length.Finish)

# Finish Options

## Achieve your vision.

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

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

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

## Woodgrains

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



## Solid & Specialty



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

Warranty granted to (building owner):

Product codes: Product description:

Install contractor

Project name

Project address

Address 2

Install start date

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

Finish:

Date of completion

### Clause 1

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

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

### Clause 2

Product Finish - AAMA 2604 Performance Specification

- 2.1 During the first fifteen (15) years of this warranty:
- 2.2 Checking/Cracking: No visible checking or cracking of the product finish on the building.
- 2.3 Chalking Resistance: No chalking of the product finish on the building in excess of that represented by No.8 rating based on ASTM D4214.
- 2.4 Color Retention: No color change of the product finish on the building greater than 5 (five) CIE Lab ΔE 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 other contaminants, corresponding values shall be measured on the control panel.
- 2.5 Gloss Retention: Coated surface will exhibit gloss retention of a minimum of 30% of the original. Gloss retention shall

be measured on the exposed paint surface which has been cleaned of oil, grease, chalk, oxidized film or other contaminants, corresponding values shall be measured on the control panel.

- 2.6 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.

### Clause 3

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

### Clause 4

- 4.1 This warranty will not extend or cover:
- 4.2 Damages to the coated metal caused by handling, shipping, processing and/or installation; or
- 4.3 Damages to the coated metal caused by scratching or abrading after installation; or
- 4.4 Damages to the coated metal as a result of standing water in horizontal installations.
- 4.5 The warranty will not be applicable to damage or failure, which is caused by acts of God, falling objects, external forces, explosions, fire, riots, civil commotion's, acts of war, or other such similar or dissimilar occurrences beyond The Company's control.
- 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.
- 4.7 Claims must be made in writing to Longboard within 30 days of the discovery of a problem and authorization obtained prior to beginning any repair and/or refinishing work.

The claimant must provide proof of coverage. Claims can be made by writing to Longboard at the Product Performance Department. After receiving such notice, The Company must be given a reasonable opportunity to inspect and verify the claim.

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

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

Name of owner or contractor:

Date:

Signature:



Duly authorized on behalf of Longboard:

Name and designation:

Date:

Signature:

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

### Warranty granted to (building owner):

Product codes: Product description:

Install contractor

Project name

Project address

Address 2

Install start date

Finish:

Date of completion

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.

### Clause 1

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

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

### Clause 2

Product Finish - AAMA 2605 Performance Specification

- 2.1. During the first twenty (20) years of this warranty:
- 2.2. Checking/Cracking: No visible checking or cracking of the product finish on the building.
- 2.3. Chalking Resistance: No chalking of the product finish on the building in excess of that represented by No.8 rating based on ASTM D4214.
- 2.4. Color Retention: No color change of the product finish on the building greater than 5 (five) CIE Lab ΔE 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 other contaminants, corresponding values shall be measured on the control panel.
- 2.5. Gloss Retention: Coated surface will exhibit gloss retention of a minimum of 50% of the original. Gloss retention shall

be measured on the exposed paint surface which has been cleaned of oil, grease, chalk, oxidized film or other contaminants, corresponding values shall be measured on the control panel.

- 2.6. Adhesion: Adhesion of product finish when initially applied to test panels and measured by reference to AAMA 2605-02 Clause 7.4.2 will show no removal of the film.

### Clause 3

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

### Clause 4

- 4.1. This warranty will not extend or cover:
- 4.2. Damages to the coated metal caused by handling, shipping, processing and/or installation; or
- 4.3. Damages to the coated metal caused by scratching or abrading after installation; or
- 4.4. Damages to the coated metal as a result of standing water in horizontal installations.
- 4.5. The warranty will not be applicable to damage or failure, which is caused by acts of God, falling objects, external forces, explosions, fire, riots, civil commotion's, acts of war, or other such similar or dissimilar occurrences beyond The Company's control.
- 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.
- 4.7. Claims must be made in writing to Longboard within 30 days of the discovery of a problem and authorization obtained prior to beginning any repair and/or refinishing work.

The claimant must provide proof of coverage. Claims can be made by writing to Longboard at the Product Performance Department. After receiving such notice, The Company must be given a reasonable opportunity to inspect and verify the claim.

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

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

Name of owner or contractor:

Date:

Signature:



Duly authorized on behalf of Longboard:

Name and designation:

Date:

Signature: