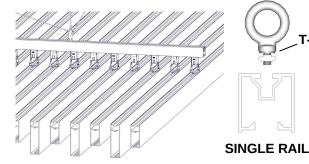


TYPICAL ISOMETRICS



EYEBOLT





HANGER CLIP

4"





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



info@longboardproducts.com longboardproducts.com 800 604 0343

TECHNICAL SPECIFICATIONS

PHYSICAL DATA

6063-T5 Extruded Aluminum 100% Recyclable

Warranty: Finish:15 year (standard)/20 year* (ultra) (*10 week lead time); Aluminum: 50 year

Baffle Weight (lbs/lf): 1.3 (4"); 1.6 (6")

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



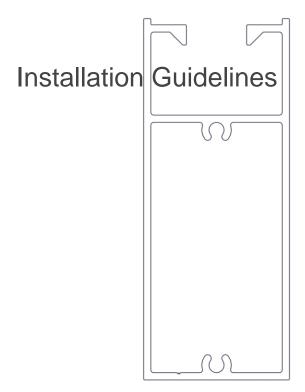
Acoustical Rating with insulation: NRC up to 0.79



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



Dauntless Interior Ceiling System



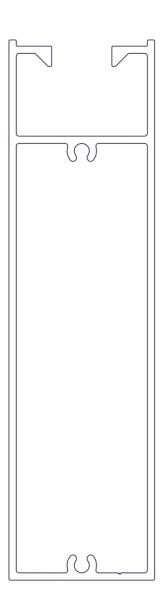




Table of Contents

Material Specifications	3
Finishes	3
Material ordering and deliveries	3
Storage and handling	3
Cleaning	3
Warranty	3
Components	4
Components (Typical)	4
Tools/Cutting/Fastening	5
Tools	5
Cutting	5
Fastening	6
System Install	7
System layout	7
Perimeter areas and Drop Depths	7
Typical layout	7
Install Rail system	8-9
Install Beams	10-11
Appendix	12
Contact Info	12



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 or 1-800-604-0343 and include your PO# and any pictures if possible. Mark the delivery receipt as "damaged" and accept the delivery as-is. Longboard is not responsible for the installation of blemished or damaged material.

Storage & Handling

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

See Appendix for proper handling and care instructions.

Cleaning Recommendations

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

See Cleaning Guide for full requirements: longboardproducts.com

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

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

Warrantv

Upon substantial completion of the project, register for warranty online here: <u>longboardproducts.com/warranty</u>

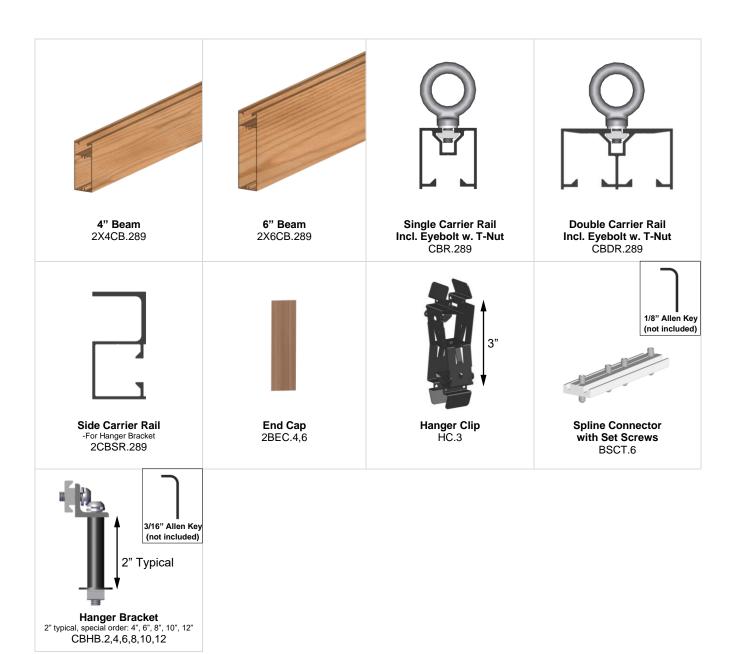
A Registration is required for the warranty to be in effect.



Components

Components (Typical)

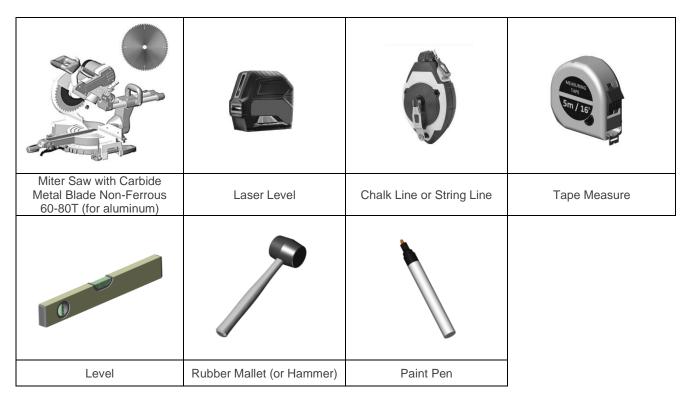
Longboard Dauntless Interior Ceiling System consists of a Beam, End Cap, Hanger, Rail, and Eyebolt. For all LB components go to longboardproducts.com.





Tools/Cutting/Fastening

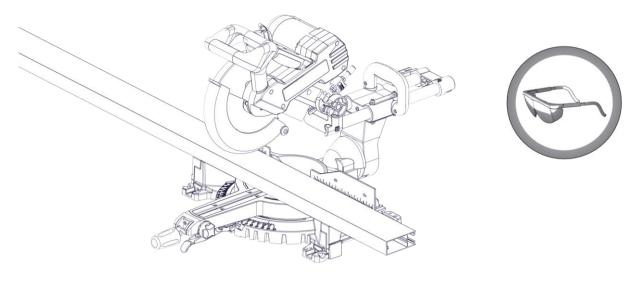
ToolsCommonly used tools for Dauntless install.



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.

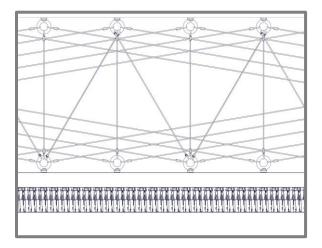


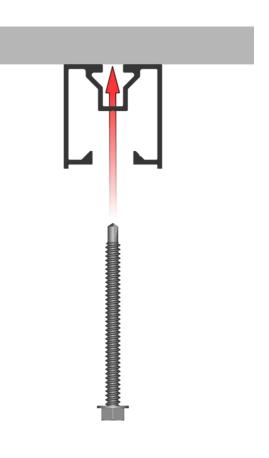


Fastening

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.



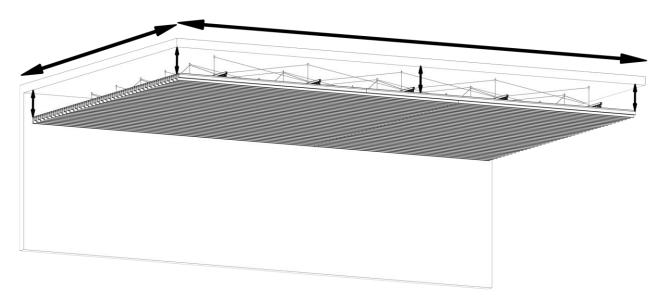


System Install

System layout

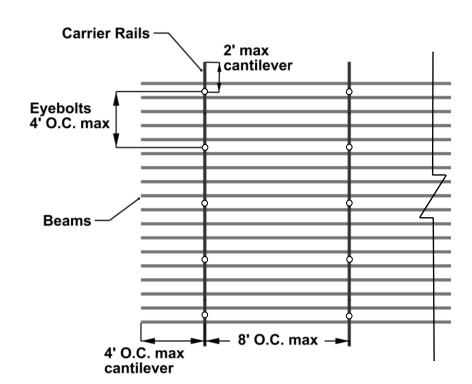
Perimeter area and drop depths

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

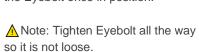
- Carrier Rails @ 8' O.C. max spacings (2' max cantilever)
- Eyebolts @ 4' O.C. max spacings
- Hanger Clip placed at desired Beam spacing
- Must use at least two attachment points per Beam and Rail

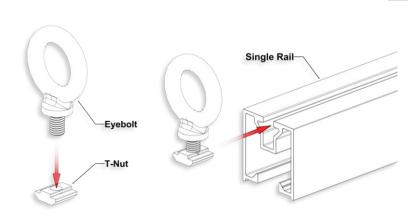


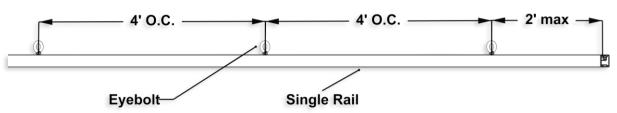


Install Rail system

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.

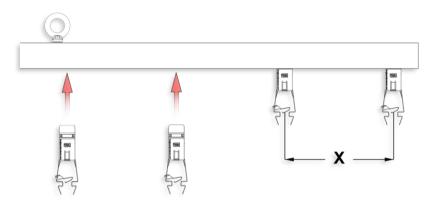


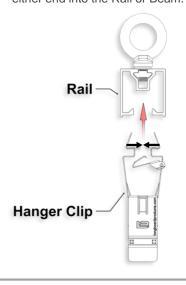


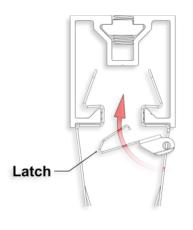


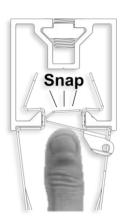
Step 2 -Hanger Clip Install
Measure desired Beam spacings on
the Rail (X) and install Hanger Clips
as shown. The Hanger Clip is
designed with a Latch that when
pressed locks the Hanger Clip into
place. Using thumb, press with
pressure to snap the Latch into
place. See images for details.

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



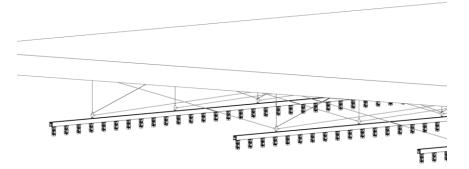


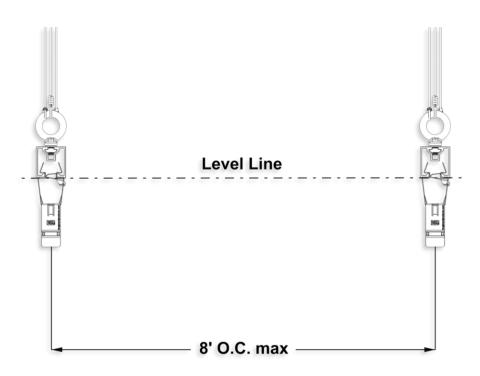






Step 3 -Rail Install Install Rails with Hanger Clips onto ceiling structure with wires or Ready Rod. Make sure to level out the Rails so they are all plumb and straight.







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

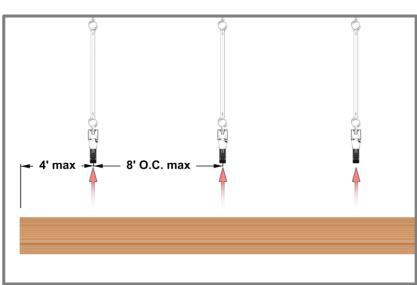
Lift Beams into place onto the Hanger Clips previously installed on the Rails.

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.

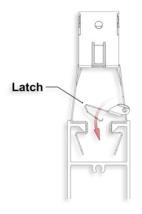
Note: Make sure every Hanger Clip is attached and snapped onto the Beam.

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

Single Rail



Hanger Clip Dauntless Beam







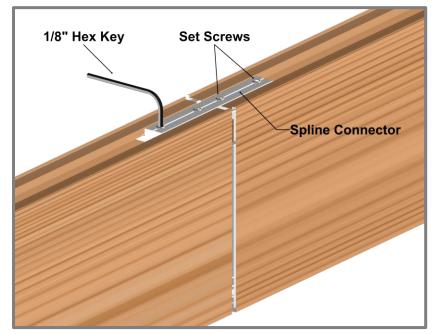
Spline Connectors are used to connect Dauntless Beams together to achieve a seamless look for linear runs greater than 24'.

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





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

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

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

Every effort has been made to ensure that the information in these installation guidelines is accurate. Longboard is not responsible for printing or clerical errors.

For more information, contact client care at info@longboardproducts.com or call toll free 1-800-604-0343.



LONGBOAR INSPIRING ARCHITECTURE

Order Information

Tongue & Groove Systems

V-Groove Planks		* 48 sq. ft. box quantities [‡] 96 sq. ft. box quantities		
Size	12′ *	24′ ‡	12' Perf *	24' Perf *
21/2"	3V.145	-	3VP.145	·-
4"	4V.145	4V.289	-	-
6"	6V.145	6V.289	6VP.145	6VP.289

Smooth Planks

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

Channel Planks

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

Bevel Planks

Size	12′ *	24′ ‡	12' Perf *	24' Perf *	
6 " Single	6SB.145	6SB.289	-	-	
6 " Triplo	CTD 14E	6TP 200			

Castellation Planks

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

Acoustical Soundtex® Scrim

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



V-Groove Planks



Smooth Planks



Planks



Planks



Planks



Castellation Planks

Clips





Touch-up Pens

Accessories

Fastening Kit

Product	Qty	SKU
Quick Screen Clips	1750, box	CLIP.N1750
Quick Screen Clips	100, bag	CLIP.N100
1/16" U-SHIM	250, bag	SHIM.1001
Butt- Joint Fastening Kit (6")	20 kits, bag	TGBJKIT
Touch Up Pens Reach out to confirm color with account manager.	N/A	TUP

Trim Components

Туре	Style	Product	Dimensions	SKU
Starter	Precision	Starter J-Track	(5/8") - 12'	1SJT.145
Starter	Traditional	Starter Strip	(1-7/8") - 12'	2SS.145
Starter	Traditional	Back-to-Back Starter Strip	(1-1/4")	2BTBSS.145
J-Track	Precision	Two Piece J-Track	(5/8") - 12'	1X1JT.145
J-Track	Precision	J-Track	(5/8") - 12'	1JT.145
J-Track	Craftsman	J-Track	(7/8") - 12'	JT23.145
J-Track	Craftsman	Two Piece J-Track	(7/8") - 12'	JT23S.145
J-Track	Traditional	Two Piece J-Track	(1-3/8") - 12'	1X2JT.145
Corner	Precision	Outside Corner	(3/16") - 12'	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	3SVP.289
Reveal	Precision	Flat Reveal	(1/2") - 12'	1FR.145
Reveal	Precision	T&G Flat Reveal	(1/2") - 24'	1TGFR.289
Reveal	Craftsman	U-Reveal Set	(3/4") - 12'	1URS.145
Reveal	Craftsman	T&G U-Reveal	(3/4) - 24'	1TGURK.289
Reveal	Traditional	U-Reveal Set	(1-1/2") - 12'	2URS.145
Reveal	Traditional	Flat Reveal Set	(1-1/2") - 12'	2FRS.145
Reveal	Traditional	T&G U-Reveal	(11/2") - 24'	2TGURK.289
Reveal	Traditional	Offset Flat Reveal Set, J-Track Base	(2") - 12'	20FFJ.145
Reveal	Traditional	Offset Flat Reveal Set, Termination Base	(2") - 12'	20FFT.145
Termination	Precision	Termination Set	(5/8") - 12'	1TS.145
Termination	Craftsman	Termination Set	(7/8") - 12'	TS23S.145
Termination	Traditional	Termination Set	(1-3/8") - 12'	2TS.145
Compression Joints	Traditional	Compression Joint	(1-3/8") - 24'	2CJ.289



Precision Outside Corner

3" Smooth Corner

Craftsman U-Reveal Set

Craftsman Termination Set



Traditional Starter Strip

3" V Groove Corner

Craftsman T&G U-Reveal

Traditional Offset Flat Reveal Set, J-Track Base

Traditional Termination Set









Traditional













Traditional Offset Flat Reveal Set, Termination Base









Link & Lock™ Battens

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

4"	2X4LLHD.145	2X4LLHD.289	2LLHDEC.4	2LLHDEM.4
6"	2X6LLHD.145	2X6LLHD.289	2LLHDEC.6	2LLHDEM.6
8"	2X8LLHD.145	2X8LLHD 289	2LLHDEC.8	2LLHDFM.8

Link & Lock™ Box Battens

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



Link & Lock™



Link & Lock™ HD





Link & Lock ™ Box Battens

Mounting Accessories Qty SKU **Link & Lock Mounting Clip** 48, bag LLMC.N48 FAST.5003.BOX48 Link & Lock™ Isolation Washer 48, bag DRILLBT.05 Dewalt® 1/2" Pilot Point Drill Bit 24' Link & Lock Internal Stiffener LLSTIFF.289 3M® Double Sided Adhesive Tape - 108' 1, roll LLTAPE.1296

Single

LLMBK.45LF

LLMBK.45RF

LLMBK.90F

LLMBK.45LS

LLMBK.45RS

LLMBK.90S



LLMDK.45LF

LLMDK 45RE

LLMDK.90F

LLMDK.45LS

LLMDK.45RS

LLMDK.90S





Mounting Clip

Isolation Washer





Dewalt® Drill Bit

Internal Stiifener





Mounting Bracket

Spacer Bar

Link & Lock ™ Mounting Brackets

Privacy Beam System

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

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



Dauntless System

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

Hanger Bracket Mounting System

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

Clip Mounting System

Link & Lock™ Mounting Brackets

Product

45° LEFT FIXED

45° RIGHT FIXED

90° CENTER FIXED

45° LEFT SLIDING

45° RIGHT SLIDING

90° CENTER SLIDING

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

[△]Includes 7 Eye-Bolts with T-Nuts



Clip Assembly



Hanger Bracket Assembly



We offer a vibrant spectrum of over 50 Colors.

Scan the QR Code to explore our Finishes at Longboard Architectural Products.

Woodgrain

Solid & Specialty

Speckle

Naturally Aged Metals



Finish Options

Achieve your vision.

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

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

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

Longboard Finish Classification

Type: Woodgrain / Solid / Metallic / Speckle / Naturally Aged Metal Surface: Smooth / Textured Sheen: Matte / Satin / Glossy

Performance: AAMA 2604 / AAMA 2605 **Finish Warranty:** 15 Year / 20 Year



Click / Scan the QR code to check our latest lead times and explore available options!

Woodgrains

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



Solid & Specialty



Speckle



Naturally Aged Metals



Liberty
Textured Matte S
Naturally Aged N

Brooklyn
Smooth Glossy
Naturally Aged

Eiffel
Textured Matte
Naturally Aged

Empire Golden Gate
Textured Matte
Naturally Aged
Metal Golden Gate
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]

War	ranty granted to (building owner):	Product codes: Product descr	iption:		Install contractor
					Project name
					Project address
Com	gboard Architectural Products Inc. ("Longboard," "The ipany") products as identified by the Product Codes d will conform to the standards set out in Clause 1				Address 2 Install start date
and	Clause 2 of this Warranty, subject to the terms and ditions set out in Clause 3 and 4 of this Warranty.	Finish:			Date of substantial completion
	Pinnacle Warranty is only valid for applications stance.	within Canada and USA. All	applications outside of Car	nada and USA are r	required to contact Longboard fo
expre	se 1 Ided Aluminum Profile(s) with Powder Coat Finish Longboard essly warrants that its product line is free from manufacturing ts in material or workmanship.	corresponding values shall be 2.6 Adhesion: Adhesion of produc	zed film or other contaminants, r measured on the control panel. t finish when initially applied to test eference to AAMA 2604-02 Clause	by writing to Department. Afte be given a reasons	t provide proof of coverage. Claims can be made Longboard at the Product Performance er receiving such notice, The Company mus able opportunity to inspect and verify the claim vie liability under this warranty, or other- wise
1.1 1.2 1.3 1.4 1.5 1.6 1.7 1.8 Clause Produ 2.1 2.2 2.3	When product is applied according to Longboard Instructions and properly maintained, such product its guaranteed against the following: Buckling: The product itself will be free of any buckling that is not associated with the substrate and/or structure to which the Longboard system is attached. For the purpose of this warranty, buckling shall be defined as warping of the product(s) exceeding one sixteenth of an inch out of plane per linear foot. Corrosion: When installed in normal atmospheric conditions according to Longboard Instructions and properly maintained, such product is further guaranteed against rusting and corroding. Subject to the limitations set out in Clause 3 and 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. 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 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. Longboard replacement of the defective Product or relmbursement of this Limited Warranty is the exclusive remedy for the Covered Person for any defect in materials or workmanship. The Company will pay for all reasonable costs including material and labor as it relates to the repair and/or replacement of the defective Product. During the first fifteen (15) 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	the respective number of ye Person commencing on the named above shall live and ow was originally installed. 3.3 Registration of the product is from substantial completion if warranty is valid for the origin owner of the structure with installed. 3.4 Normal atmospheric corraggressive atmospheres or chemical fumes or other consist include coverage of the finist from hall and woodpecker bit of the control of	a warranties in Clause 1 shall mean cars or for as long as the Covered act acts of substantial completion in the property on which the material is required within ninety (90) days for the warranty to be in effect. This all owner and one other subsequent here the product(s) have been inditions exclude corrosive or under the subsequent exclude corrosive or under the subsequent hosts, ships or offshore platforms, less as outlined in Clause 2 shall in as it relates to the impact effects rids. On the subsequent is the subsequent in the subsequent in clause 2 shall in as it relates to the impact effects rids. On the subsequent is subsequent in the subsequent in clause 2 shall in as it relates to the impact effects rids. On the subsequent in the subsequent in the subsequent in su	warranty on any supplied hereund period applicable work will be perfect Longboard. Color product and origit of the period agreem parties in relation the entire liability covered by them incidental or conse make any represexcept as expresexall not be bindiffered to the period of the	the defective powder coated product. The refinished, repaired or replaced coated meta derishall be for the remainder of the warranty is to the originally coated metal. All warranty is to the originally coated metal. All warranty or the company or contractor selected by variance between refinished and/or repainted and shall not be indicative of a defect. represents the entire agreement between the lost subject matter and supersedes any of Longboard with respect to the product. The Company shall have no liability for an equential damages. No person is authorized the sentation or warranty on behalf of Longboard with respect to the product and the company. Except as expressly segipoard makes no warranty of any kind ed, including, without limitation, any implied chantability or fitness for a particular purpose the duration of the limited warranty, or sud as provided under applicable local law. These silve you specific legal rights, and you marights which vary from area to area. arranty shall be construed as a warranty of the any installation. Particularly in good faith to first settle the dispute by inistered by the American Arbitration struction Industry Mediation Procedures) as indatory binding arbitration. Such binding to be conducted and administered by the duestry Arbitration Rules of the American attos of both mediation and arbitration and thas so fobth mediation and arbitration and the set of the mediation and arbitration and the
2.4	building in excess of that represented by No.8 rating based on ASTM D4214. Color Retention: No color change of the product finish on the building greater than 5 (five) CIE Lab Le 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. 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	similar or dissimilar occurrent 4.6 Customer shall make avalla the installation of the coate including details of washl compliance with the cleanir Required Maintenance sec shall demonstrate that the i to a breach of the warranty 4.7 Claims must be made in wr	iting to Longboard within 30 days n and authorization obtained prior to	such binding arb action. 4.12 Required Main Environment, folk Longboard Care cloth, water and pH range of 5-9 t and other debt detergents or che maintenance reveroducts used,	iteration will be the sole and final remedia tenance. Depending on the Projec by the maintenance schedule as outlined in the Maintenance Guide. Use a soft sponge o mild detergent, non-abrasive soap with the to clean the powder coated area of dirt, grin s. Pressure washing and the use of hars emicals is not recommended. Include in you cords the following: date, time, specifi- name of maintenance person and the intenance company name and general condition
F	have read and agree to the terms of the Long powder coated surface and 50 year alumin warranty and acknowledge receipt of a copy of t Name of owner or contractor:	um extruded profile(s)	Duly authorized on bell	half of Longboard:	Date:
			Signature:		



NATIONAL WARRANTY

(Canada & USA only)



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

Narranty granted to (building owner):	Product codes: Product description:	Install contractor
		Project name
		Project address
ongboard Architectural Products Inc. ("Longboard," "The Company") products as identified by the Product Codes isted will conform to the standards set out in Clause 1		Address 2 Install start date
and Clause 2 of this Warranty, subject to the terms and conditions set out in Clause 3 and 4 of this Warranty.	Finish:	Date of substantial completion
his Pinnacle Warranty is only valid for applications ssistance.	within Canada and USA. All applications outside of Ca	nada and USA are required to contact Longboard fo
Clause 1	of oil, grease, chalk, oxidized film or other contaminants,	The dalmant must provide proof of coverage. Claims can be made
extruded Aluminum Profile(s) with Powder Coat Finish Longboard expressly warrants that its product line is free from manufacturing lefects in material or workmanship.	corresponding values shall be measured on the control panel. 2.6 Adhesion: Adhesion of product finish when initially applied to test panels and measured by reference to AAMA 2605-02 Clause 7.4.2 will show no removal of the film.	by writing to Longboard at the Product Performan Department. After receiving such notice, The Company mu be given a reasonable opportunity to inspect and verify the clain 4.8 Longboard exclusive liability under this warranty, or other- wis
1. When product is applied according to Longboard instructions and properly maintained, such product is guaranteed against the following: 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. 3. Corrosion: When installed in normal atmospheric conditions	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	will be limited to refinishing and/or repairing, at The Company sole discretion, the defective powder coated product. The warranty on any refinished, repaired or replaced coated met supplied hereunder shall be for the remainder of the warrant period applicable to the originally coated metal. All warrant work will be performed by a company or contractor selected to Longboard. Color variance between refinished and/or repaints product and original shall not be indicative of a defect. 4.9 This warranty represents the entire agreement betwee parties in relation to its subject matter and supersedes are
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	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	previous agreement whether written or oral between the parties in relation to its subject matter. The limited warranties sist the entire liability of Longboard with respect to the product covered by them. The Company shall have no liability for ar
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.	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	inddental or consequential damages. No person is authorized in make any representation or warranty on behalf of Longboal except as expressly set forth above, and any such stateme
 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 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. 	is not meant for marine use on boats, ships or offshore platforms. The product finish warranties as outlined in Clause 2 shall include coverage of the finish as it relates to the impact effects from 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	shall not be binding on The Company. Except as expressly s forth above, Longboard makes no warranty of any kin express or implied, including, without limitation, any implie warranty of merchantability or fitness for a particular purpos Warranties shall be the duration of the limited warrantie, or su shorter duration as provided under applicable local law. The limited warranties give you specific legal rights, and you may also have other rights which vary from area to area.
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	costs) as noted on the original purchase invoice and paid by the Buyer for the specific project. Clause 4	4.10 Nothing In this warranty shall be construed as a warranty of the workmanship of any installer or as imposing on Longboard are liability for unsatisfactory performance caused by fault workmanship in installation.
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.	This warranty will not extend or cover: Damages to the coated metal caused by handling, shipping, processing and/or installation; or	4.11 It's agreed all parties involved that all claims and dispute relating to this agreement that cannot be settled throug negotiation will try in good faith to first settle the dispute to
Clause 2 Product Finish - AAMA 2605 Performance Specification	4.3 Damages to the coated metal caused by scratching or abrading after installation; or	mediation administered by the American Arbitratio Association (Construction Industry Mediation Procedures) as prelude to mandatory binding arbitration. Such bindir
.1 During the first twenty (20) years of this warranty: .2 Checking/Cracking: No visible checking or cracking of the product finish on the building3 Chalking Resistance: No chalking of the product finish on the	 4.4 Damages to the coated metal as a result of standing water in hortzontal installations. 4.5 The warranty will not be applicable to damage or failure, which is caused by acts of God, failing objects, external forces, explosions, fire, riots, civil committees acts of war, or other such 	arbitration is to be conducted and administered by the Construction Industry Arbitration Rules of the America Arbitration Association. Both seller and purchaser agree to shat equally in the costs of both mediation and arbitration and the
building in excess of that represented by No.8 rating based on ASTM D4214. 4 Color Retention: No color change of the product finish on the building greater than 5 (five) CIE Lab △E units calculated	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	such binding arbitration will be the sole and final remedi action. 4.12 Required Maintenance. Depending on the Proje Environment, follow the maintenance schedule as outlined in the Longboard Care & Maintenance Guide. Use a soft sponge
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.	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.	cloth, water and mild detergent, non-abrasive soap with the pH range of 5-9 to clean the powder coated area of dirt, gril and other debris. Pressure washing and the use of hars detergents or chemicals is not recommended. Include in you
Gloss Retention: Coated surface will exhibit gloss retention of a minimum of 50% of the original. Gloss retention shall be measured on the exposed paint surface which has been cleaned	4.7 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.	maintenance records the following: date, time, specific products used, name of maintenance person and the designation, maintenance company name and general conditions of the powder coated finish.
I have read and agree to the terms of the Longl powder coated surface and 50 year aluming warranty and acknowledge receipt of a copy of the Name of owner or contractor:	ım extruded profile(s)	<i>half of Longboard:</i> Date: