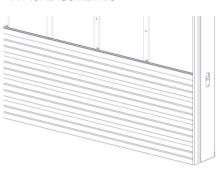
IEXTURED WALLS

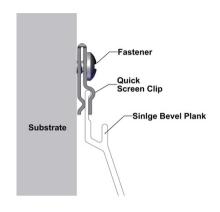
BEVEL

TYPICAL ISOMETRIC









COMPONENTS - Standard Lengths: 12'

Traditional: 3" Smooth Corner, Starter Strip, 2" Corner Set, 1-3/8" Two Piece J-Track.

PROFILES

Single Bevel: 6" Triple Bevel: 6" Standard Lengths: 24'

FINISHES

Solid colors, specialty colors, custom solid color matching (for woodgrains contact Longboard, additional lead times may apply)

ATTACHMENT

Planks: Quick-screen clips w. #8 screws* @ 16" o.c. (standard). Quick-screen clips included.

Trims: hard fasten w. #8 screws* @ 16" o.c. *Screws not included.

BIM & CAD

RVT & DWG files available, see website for details

LEAD TIME

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



info@longboardproducts.com longboardproducts.com 800 604 0343

TECHNICAL SPECIFICATIONS

PHYSICAL DATA

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

Weight (lbs/sqft): ~1.5



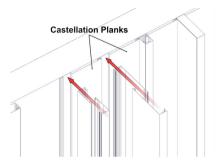
Fire Rating: Class A Non-Combustible by ASTM E136 & ASTM E84; A2-s1,d0 by EN 13501-1

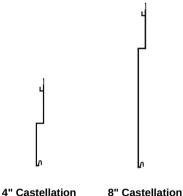


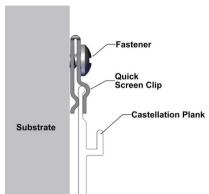
Light Reflectance: 5% (Black) up to 73.2% (Ultra White)

IURED WALLS FILATION

TYPICAL ISOMETRIC







COMPONENTS - Standard Lengths: 12'

Traditional: Starter Strip, 2" Corner Set, 1-3/8" Two Piece J-Track, 1-3/8" Termination Set, Compression Joint (24'), 1-1/2" Flat Reveal Set, 1-1/2" U-Reveal Set. 1-1/2" T&G U-Reveal

Craftsman: 3/4" Inside Corner, 1" Outside Corner, 3/4" U-Reveal Set. 3/4" T&G U-Reveal

Precision: 5/8" Starter J-Track, 3/16" Outside Corner, 5/8" J-Track, 5/8" Two Piece J-Track, 5/8" Termination Set, 1/2" Flat Reveal, 1/2" T&G Flat Reveal

PROFILES

Castellation: 4", 8" Standard Lengths: 24' 96 SO FT/box

ATTACHMENT

Planks: Quick-screen clips w. #8 screws* @ 16" o.c. (standard).

Quick-screen clips included: 135 pcs/4"

box. 90 pcs/6" box.

Trims: hard fasten w. #8 screws* @ 16" o.c. *Screws not included.

FINISHES

Woodgrains, solid color, naturally aged metal, custom solid color matching (additional lead times apply)

To be covered by warranty regarding standing water, the planks shall be installed vertically as per Clause 4.4 of the Pinnacle Warranty Document.

BIM & CAD

RVT & DWG files available, see website for details

LEAD TIME

Most Popular Finishes -ready to ship within 1 week

Additional Finishes

-ready to ship within 14 weeks



info@longboardproducts.com longboardproducts.com 800 604 0343

TECHNICAL SPECIFICATIONS

PHYSICAL DATA

6063-T5 Extruded Aluminum

100% Recyclable

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

Aluminum: 50 year Weight (lbs/sqft): ~1.5

TESTING

ICC-ESR 4182 Evaluation Report - Division: 07 00 00 Thermal and Moisture Protection Section: 07 46 00 - Siding

AAMA 509 Rainscreen: W1. V2

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

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



Fire Rating: Class A Non-Combustible by ASTM E136 & ASTM E84; A2-s1,d0 by EN 13501-1



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



Wind load: Up to 121 psf (5794 Pa) TAS 202, TAS 203

TW_CASTELLATION_IS_RA_V3



T&G Textured Cladding

Installation Guidelines

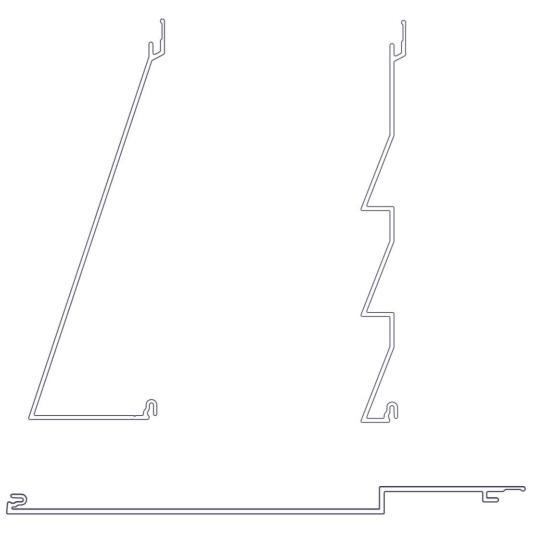




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Material Specifications

Finishes

- Longboard Products are available in a wide range of powder coated finishes.
- Custom solid colors are available upon request.
- Longboard woodgrains have a repeat pattern, shipped in sets mated back-to-back in each box. Install these
 as they come out of the box, as an A&B pattern staggering each plank approx. 1-2' (305-610mm) from the
 previous plank to achieve a random pattern aesthetic. It is recommended to create an onsite mock-up to
 produce a suitable pattern.
- Woodgrains NOT available for the Triple Bevel Plank
- All Castellation Planks in woodgrain require L&L attached.
- Longboard Products are not recommended for use on marine applications in direct contact with salt water.

Longboard extruded products are produced 1" (25mm) oversized, as one end is drilled for the coating process, and both ends have 1/2" (12mm) of masking tape (woodgrains only) which must be cut off for best results. Longboard Cladding is to be installed outboard of a weather resistant barrier, including all flashings, following code, and building requirements.

Material Ordering & Delivery

| • | Packaging: | Planks are sold in box quantities: 6" Bevel Planks: 96 SQ FT/Box (8/24's, 192 LF) w. 90pcs Quick-Screen Clips included 4" Castellation Planks: 96 SQ FT/Box (12/24's) w. 144 Quick-Screen Clips included 8" Castellation Planks: 96 SQ FT/Box (6/24's) w. 72 Quick-Screen Clips included Components are sold individually by the 12' (3.7m) length. |
|---|------------|---|
| • | Shipping: | Most Popular Finishes -ready to ship within 1 week Additional Finishes -ready to ship within 14 weeks Delivered on 24' (7.3m) long skids weighing up to 2000 lbs. A mechanical lift with forks is required on site to receive the order. |
| • | QC: | Always inspect the delivery for damage and contact LB ASAP if there are any issues: 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

- 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>

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

• To be covered by warranty Castellation Planks shall be installed vertically, to not hold water **as per Clause**4.4 of the Pinnacle Warranty Document

Graffiti Removal







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



Components

Components (Typical)

Textured Wall planks are used in conjunction with T&G components. For all LB components go to longboardproducts.com.

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 | - | - |
| QII | 90A 14E | 9CA 290 | _ | _ |

Accessories

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













Trim Components

| Туре | Style | Product | Dimensions | SKU |
|-----------------------|-------------|--|----------------|------------|
| Starter | Precision | Starter J-Track | (5/8") - 12' | 1SJT.145 |
| Starter | Traditional | Starter Strip | (1-7/8") - 12' | 2SS.145 |
| Starter | Traditional | Back-to-Back Starter Strip | (1-1/4") | 2BTBSS.145 |
| J-Track | Precision | Two Piece J-Track | (5/8") - 12' | 1X1JT.145 |
| J-Track | Precision | J-Track | (5/8") - 12' | 1JT.145 |
| J-Track | Craftsman | J-Track | (7/8") - 12" | 1JT23.145 |
| J-Track | Craftsman | Two Piece J-Track | (7/8") - 12" | JT23S.145 |
| J-Track | Traditional | Two Piece J-Track | (1-3/8") - 12' | 1X2JT.145 |
| Corner | Precision | Outside Corner | (3/16") - 12' | 05OC.145 |
| Corner | Craftsman | Inside Corner | (3/4") - 12' | 1IC.145 |
| Corner | Craftsman | Outside Corner | (1") - 12" | 10C.145 |
| Corner | Traditional | Corner Set | (2") - 12' | 2CORS.145 |
| Corner | Traditional | 3" Smooth | (3") = 24" | 3SCP.289 |
| Corner | Traditional | 3" V-Groove | (3") -24" | 3SVP.289 |
| Reveal | Precision | Flat Reveal | (1/2") - 12' | 1FR.145 |
| Reveal | Precision | T&G Flat Reveal | (1/2") - 24' | 1TGFR.289 |
| Reveal | Craftsman | U-Reveal Set | (3/4") - 12' | 1URS.145 |
| Reveal | Craftsman | T&G U-Reveal | (3/4) - 24' | 1TGURK.289 |
| Reveal | Traditional | U-Reveal Set | (1-1/2") - 12' | 2URS.145 |
| Reveal | Traditional | Flat Reveal Set | (1-1/2") - 12' | 2FRS.145 |
| Reveal | Traditional | T&G U-Reveal | (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' | 1T\$.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 |

























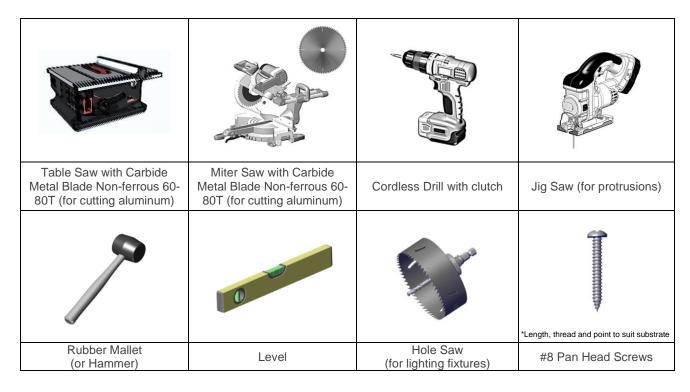


Textured Walls Cladding Installation Guide



Tools/Cutting/Fastening

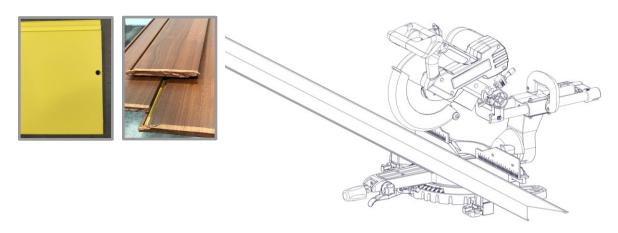
ToolsCommonly used tools for Cladding install.



Cutting

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

Cut planks using a Miter Saw and Table Saw, always allowing for expansion & contraction. Trim the taped/drilled ends of all stock length material by at least 1/2" (12mm) each end and discard.





Fastening

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

⚠ All fasteners should be suitable for exterior use and be compatible with the substrate type. Fasteners should be anchored into a solid secure framing member, blocking, furring, or strapping. For vertical applications when the framing member is not available, install diagonal furring strips or horizontal metal strapping to securely fasten planks.

Perimeter components should be hard fastened every 16" (406mm) O.C. max. directly through the flange using #8 pan-head screws (supplied by others). These components should be fastened within 8" (203mm) of the end for secure fastening.

Planks & starter components are secured using Longboard Quick-Screen Clips fastened to the substrate every 16" (406mm) O.C. max using #8 pan-head screws (supplied by others).

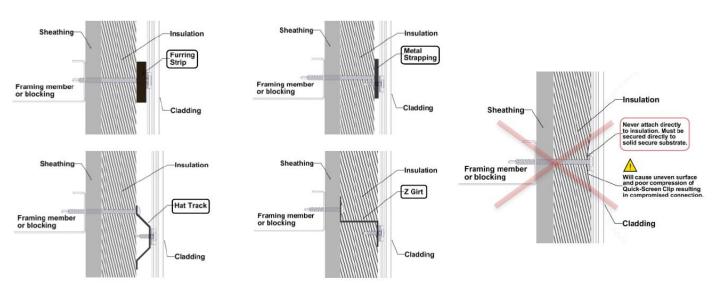
Always consult the project engineer, architect or authority having jurisdiction to understand the project specific fastening requirements.

Fastener types RECOMMENDED CORRECT Pan-Head Truss-Head Fastener Quick Screen Clip *Length, thread and point to suit substrate

Flat-Head Oval-Head Countersunk Head Substrate Fastener Quick Screen Clip (bent) T&G Plank

Fastening options onto exterior insulation

*Never direct to insulation. Must be secured directly to solid secure substrate.





Framing requirements

Always consult the local building authority and follow local building code requirements. When attaching to **Hitch Cladding attachment System** refer to Hitch Install Guide for requirements.

Wood Framing

Size: 2x4 minimum

• Spacing: 16" O.C. spacing

Metal Framing

Gauge: 18 ga. minimumSpacing: 16" O.C. spacing

Furring recommendations

Wood Furring

Attached back to wood or metal framing/blocking.

• Size: 3/8" minimum

Spacing: 16" O.C. spacing

Metal Furring/Strapping

Attached back to wood or metal framing/blocking.

Size: 18 ga. minimumSpacing: 16" O.C. spacing

Concrete/CMU

Wood or metal furring is recommended over concrete and CMU.

Wood Furring:

Size: 2x2 minimum

Type: Pressure treated lumber

• Spacing: 16" O.C. spacing

Metal Furring:

• Size: 18 ga. minimum

• Type: Hat channel, Stud, or Z-Girt.

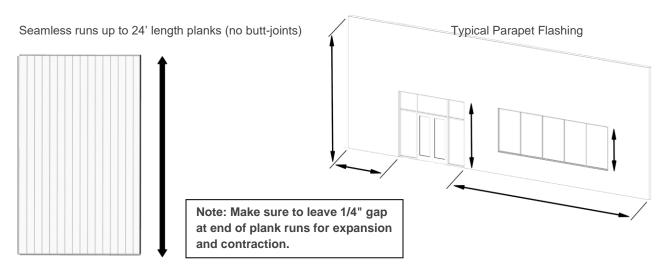
• Spacing: 16" O.C. spacing

System Install

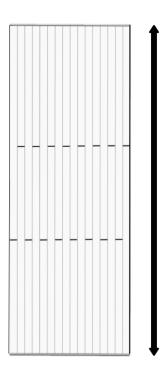
Perimeter and field area limitations

Measure and layout your wall area to consider plank & component alignment with fixtures, penetrations, and adjacent walls, for desired appearance. Apply the same methodology for horizontal Bevel Plank installations.

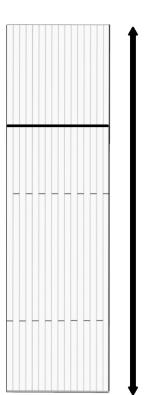
• Castellation Planks must be installed vertically(To be covered by warranty), to not hold water **as per Clause**4.4 of the Pinnacle Warranty Document



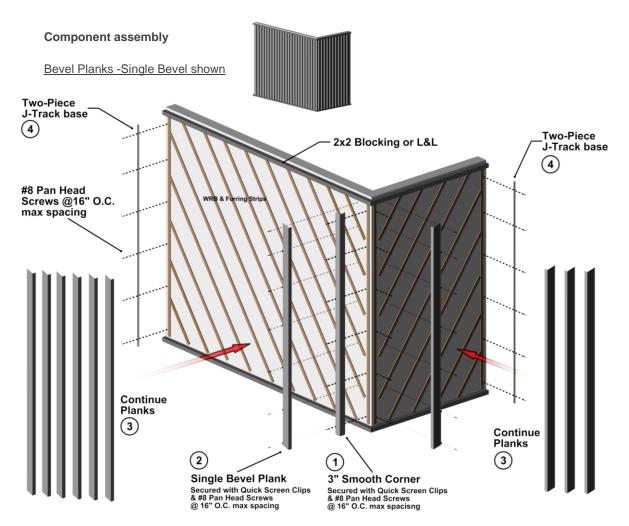
Runs up to 40' length with staggered butt-joints



Runs greater than 40' length, use reveals or 2x2 blocking to divide field area





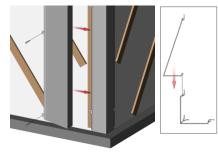




Step 1

Install 3" Smooth Corner with Quick Screen Clips & #8 Pan Head Screws @16" O.C. max spacing. Hard fasten only one point preferably near the center of each plank.

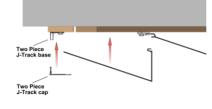
Alternative starting option is to use Starter strip at the edge of the wall(s) fastening #8 Pan Head Screws every 16" O.C. max spacing.



Step 2 & 3

Place the planks fully engaging the tongue. Fasten with Quick Screen Clips & #8 Pan Head Screws @16" O.C. max spacing. Hard fasten only one point preferably near the center of each plank.

It is good practice to check your installation every 2-3 rows for level/plumb & flat or straight for best results. Ensure there is sufficient room for expansion & contraction of each Plank.



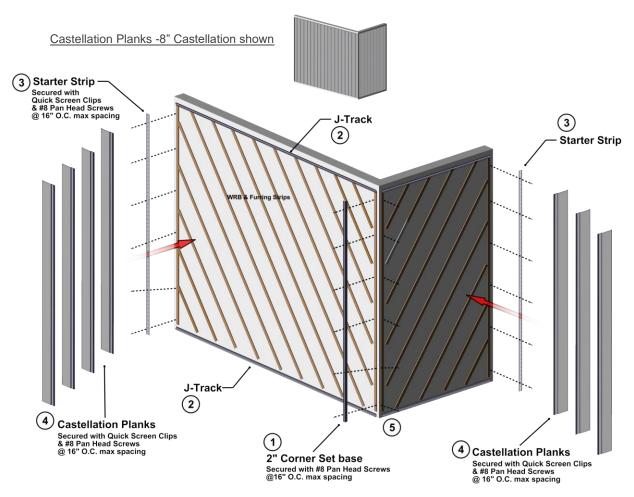
Step 4

Before the last Plank, install Two Piece J-Track base fastening 16" O.C. typ.

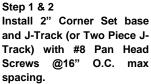
When terminating confirm the trim component caps will cover the last Plank and adjust accordingly to the suit the profile.

When all Planks are installed finish off the trims with caps from two-piece sets.

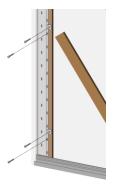








Alternative starting option is to use Starter strip at the edge of the wall(s) fastening #8 Pan Head Screws every 16" O.C. max spacing.



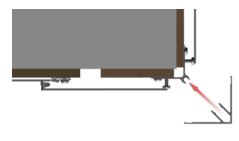
Step 3
Install Starter Strip or
Starter J-Track at the
edge of walls using
Quick Screen Clips &
#8 Pan Head Screws
@16" O.C. max
spacing. Hard fasten
only one point
preferably near the
center of each plank.
See Appendix for
Starter Strip loading.



Place the planks fully engaging the tongue. Fasten with Quick Screen Clips & #8 Pan Head Screws @16" O.C. max spacing. Hard fasten only

O.C. max spacing. Hard fasten only one point preferably near the center of each plank.

It is good practice to check your installation every 2-3 rows for level/plumb & flat or straight for best results. Ensure there is sufficient room for expansion & contraction of each Plank.

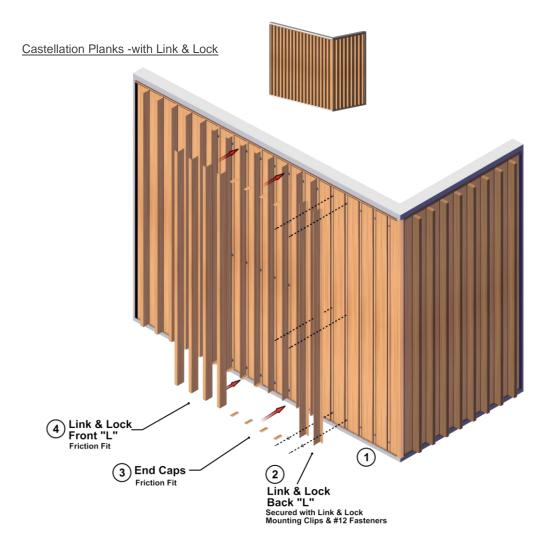


Step 5

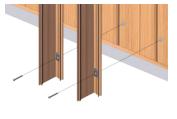
When terminating confirm the trim component caps will cover the last Plank and adjust accordingly to suit the profile. Where terminating cut planks, provide a positive stop approximately every 16" (406mm).

When all Planks are installed finish off the trims with caps from two-piece sets.

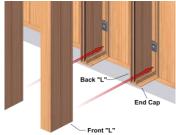












Step 1
Drill out L&L for the defined spacing. Mark Castellation Planks and drill out 1/2" holes to match L&L.

See next page for L&L drilling details.

Step 2
Secure the Back "L" to the Castellation Planks with Link & Lock Mounting Clip & #12
Fasteners. Make sure it aligns and fits into the groove correctly and is anchored into the center of the drilled-out holes. Leave gap for expansion & contraction and End Cap allowance.

Step 3
Install End Caps top
& bottom into Back
"L" sliding them into
the screw chase.

Step 4
Install Front "L"
locking it into place.
It is good practice to
check components
for a tight fit.



Preparation drilling for Install

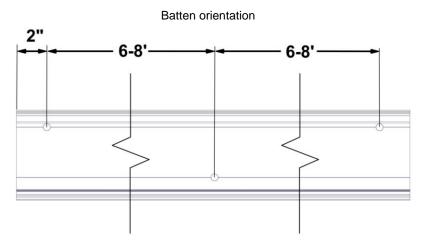
To prepare Link & Lock for install, layout and predrill the back "L" with 1/2" holes every 6-8' O.C. typical, with the first hole 2" in from the end to allow space for the End Cap.

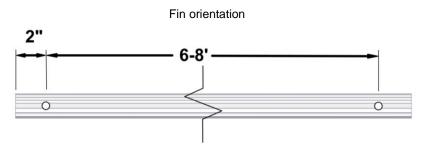
For the Batten orientation, alternate the holes from top to bottom using the Dielines for guides.

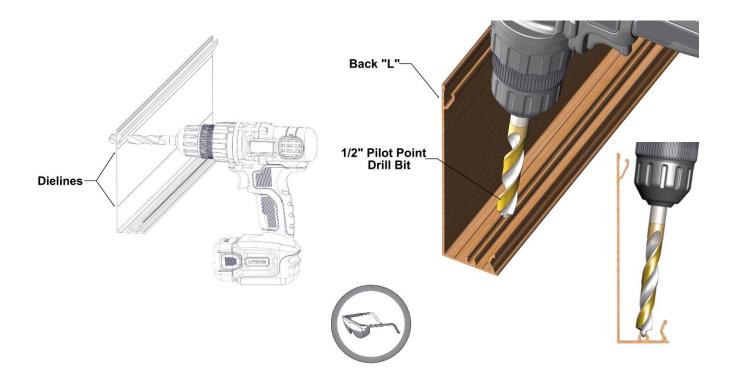
For Fin orientation, use Pilot Point Drill Bit (see below) as recommended for ease of drilling.

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

See L&L Cladding Install Guide for Details and allowable attachment span.









Details

Butt-Joints for Textured Planks

- When installing staggered butt-joints, hard-fasten the two planks at the butt-joint to ensure joints do not open up. Fasteners should be anchored through a 4" piece of starter strip and into a solid secure framing member or blocking.
- Use touch-up paint pens (purchased separately) to finish the ends of the two (2) planks at the butt-joint.
- DO NOT install more than one (1) butt-joint between two components
- DO NOT hard-fasten a plank to a component trim, as this will restrict its ability to expand & contract into the component.
- If no butt joints along the length, it is good practice to hard-fasten each plank directly through the flange near the center, to keep the planks from migrating.
- DO NOT hard-fasten more than one (1) location per plank.
- Hard fasten only:

| Situation | Location |
|-----------------|----------------------------|
| No butt-joints: | -Near the center of planks |
| Butt-joints: | -At the joints |



Appendix

Expansion and Contraction Tables

| | | /PERIAL | | | AVERA | GE I EIVIPE | NAT ONL A | T TIME OF | CUTTING | Q INO IALL | ATTOR | | la constant |
|--------------------|--------------------------------|----------------------------------|---|---|--|---|--|---|---|--|--|--|--|
| | | °C | -50 | -40 | -30 | -20 | -10 | 0 | 10 | 20 | 30 | 40 | 50 |
| | | °F | -58 | -40 | -22 | -4 | 14 | 32 | 50 | 68 | 86 | 104 | 122 |
| ı. | °C | °F | | | | EXPAN | ISION OR C | ONTRACT | ION (INCH/ | FOOT) | | | |
| CONSTRUCTION LEMP. | -50 | -58 | 0.000 | -0.003 | -0.005 | -0.008 | -0.011 | -0.014 | -0.016 | -0.019 | -0.022 | -0.024 | -0.027 |
| z | -40 | -40 | 0.003 | 0.000 | -0.003 | -0.005 | -0.008 | -0.011 | -0.014 | -0.016 | -0.019 | -0.022 | -0.024 |
| Ĭ | -30 | -22 | 0.005 | 0.003 | 0.000 | -0.003 | -0.005 | -0.008 | -0.011 | -0.014 | -0.016 | -0.019 | -0.022 |
| ž | -20 | -4 | 0.008 | 0.005 | 0.003 | 0.000 | -0.003 | -0.005 | -0.008 | -0.011 | -0.014 | -0.016 | -0.019 |
| 2 | -10 | 14 | 0.011 | 0.008 | 0.005 | 0.003 | 0.000 | -0.003 | -0.005 | -0.008 | -0.011 | -0.014 | -0.016 |
| 3 | 0 | 32 | 0.014 | 0.011 | 0.008 | 0.005 | 0.003 | 0.000 | -0.003 | -0.005 | -0.008 | -0.011 | -0.014 |
| 7 | 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 |
| ¥ | 30 | 86 | 0.022 | 0.019 | 0.016 | 0.014 | 0.011 | 0.008 | 0.005 | 0.003 | 0.000 | -0.003 | -0.005 |
| Ž | 40 | 104 | 0.024 | 0.022 | 0.019 | 0.016 | 0.014 | 0.011 | 0.008 | 0.005 | 0.003 | 0.000 | -0.003 |
| | | | | | | | | | | | | 0.000 | |
| - | 50 E 2 - M | 122 ETRIC | 0.027 | 0.024 | 0.022 | 0.019 | 0.016 | 0.014 | 0.011 | 0.008 | 0.005 | 0.003 | 0.000 |
| 5 | | ETRIC | 0.027 | 0.024 | 0.022 | GE TEMPE | 0.016 | 0.014 | CUTTING | 0.008 | 0.005 ATION | 0.003 | 0.000 |
| - | | ETRIC °C | 0.027 | 0.024 | 0.022 AVERA | GE TEMPE | 0.016 RATURE A -10 | 0.014 T TIME OF | CUTTING 10 | 0.008 & INSTALL 20 | 0.005 ATION 30 | 0.003 | 0.000 |
| - | | ETRIC | 0.027 | 0.024 | 0.022 | GE TEMPE | 0.016 | 0.014 | CUTTING | 0.008 | 0.005 ATION | 0.003 | 0.000 |
| BL | | ETRIC °C | 0.027 | 0.024 | 0.022 AVERA | -20 -4 | 0.016 RATURE A -10 | 0.014 T TIME OF 0 32 | CUTTING 10 50 | 0.008 & INSTALL 20 68 | 0.005 ATION 30 | 0.003 | 0.000 |
| 3L | E 2 - M | etric °c °f | 0.027 | 0.024 | 0.022 AVERA | -20 -4 | 0.016 ERATURE A -10 14 | 0.014 T TIME OF 0 32 | CUTTING 10 50 | 0.008 & INSTALL 20 68 | 0.005 ATION 30 | 0.003 | 0.000 |
| 3L | E 2 - M | ETRIC °C °F | -50 -58 | -40 -40 | 0.022 AVERA -30 -22 | GE TEMPE -20 -4 EXPAN | 0.016 ERATURE A -10 14 ISION OR C | 0.014 T TIME OF 0 32 ONTRACTI | CUTTING 10 50 ON (MM/M | 0.008 & INSTALL 20 68 | 0.005 ATION 30 86 | 0.003 40 104 | 50 122 |
| 3L | E 2 - M | °C °F °F -58 | -50 -58 | -40 -40 -0.230 | 0.022 AVERA -30 -22 | -20 -4 EXPAN | 0.016 ERATURE A -10 14 ISION OR C -0.920 | 0.014 T TIME OF 0 32 ONTRACTI -1.150 | CUTTING 10 50 ON (MM/N | 0.008 & INSTALL 20 68 METER) -1.610 | 0.005 ATION 30 86 | 0.003 40 104 -2.070 | 50 122 -2.300 |
| BL | °C -50 -40 | °C °F °F -58 -40 | -50 -58 0.000 0.230 | -40 -40 -0.230 0.000 | 0.022 AVERA -30 -22 -0.460 -0.230 | -20 -4 EXPAN -0.690 -0.460 | 0.016 ERATURE A -10 14 ISION OR C -0.920 -0.690 | 0.014 T TIME OF 0 32 ONTRACTI -1.150 -0.920 | CUTTING 10 50 ON (MM/M -1.380 | 0.008 & INSTALL 20 68 METER) -1.610 -1.380 | 0.005 ATION 30 86 -1.840 -1.610 | 0.003 40 104 -2.070 -1.840 | 50 122 -2.300 -2.070 |
| BL | °C -50 -40 -30 -20 -10 | °C °F °F -58 -40 -22 | -50 -58 0.000 0.230 0.460 | -40 -40 -0.230 0.000 0.230 0.460 0.690 | 0.022 AVERA -30 -22 -0.460 -0.230 0.000 0.230 0.460 | -20 -4 EXPAN -0.690 -0.460 -0.230 | 0.016 ERATURE A -10 14 ISION OR C -0.920 -0.690 -0.460 -0.230 0.000 | 0.014 T TIME OF 0 32 ONTRACTI -1.150 -0.920 -0.690 | CUTTING 10 50 ON (MM/M -1.380 -1.150 -0.920 | 0.008 & INSTALL 20 68 IETER) -1.610 -1.380 -1.150 | 0.005 ATION 30 86 -1.840 -1.610 -1.380 | -2.070 -1.840 -1.380 -1.150 | 50 122 -2.300 -2.070 -1.840 |
| CONSTRUCTION LEMP. | °C -50 -40 -30 -20 -10 0 | *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 | 0.022 AVERA -30 -22 -0.460 -0.230 0.000 0.230 0.460 0.690 | -20 -4 EXPAN -0.690 -0.460 -0.230 0.000 0.230 0.460 | 0.016 ERATURE A -10 14 ISION OR C -0.920 -0.690 -0.460 -0.230 0.000 0.230 | 0.014 T TIME OF 0 32 ONTRACTI -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 | 0.008 & INSTALL 20 68 -1.610 -1.380 -1.150 -0.920 -0.690 -0.460 | 0.005 ATION 30 86 -1.840 -1.610 -1.380 -1.150 | -2.070 -1.840 -1.610 -1.380 -1.150 -0.920 | -2.300 -2.070 -1.840 -1.610 -1.380 -1.150 |
| CONSTRUCTION LEMP. | °C -50 -40 -30 -20 -10 | °C °F °F -58 -40 -22 -4 14 | -50 -58 0.000 0.230 0.460 0.690 0.920 | -40 -40 -0.230 0.000 0.230 0.460 0.690 | 0.022 AVERA -30 -22 -0.460 -0.230 0.000 0.230 0.460 | -20 -4 EXPAN -0.690 -0.460 -0.230 0.000 0.230 | 0.016 ERATURE A -10 14 ISION OR C -0.920 -0.690 -0.460 -0.230 0.000 | 0.014 T TIME OF 0 32 ONTRACTI -1.150 -0.920 -0.690 -0.460 -0.230 | CUTTING 10 50 ON (MM/N -1.380 -1.150 -0.920 -0.690 -0.460 | 0.008 & INSTALL 20 68 -1.610 -1.380 -1.150 -0.920 -0.690 | 0.005 ATION 30 86 -1.840 -1.610 -1.380 -1.150 -0.920 | -2.070 -1.840 -1.380 -1.150 | -2.300 -2.070 -1.610 -1.380 |
| CONSTRUCTION LEMP. | °C -50 -40 -30 -20 -10 0 | *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 | 0.022 AVERA -30 -22 -0.460 -0.230 0.000 0.230 0.460 0.690 | -20 -4 EXPAN -0.690 -0.460 -0.230 0.000 0.230 0.460 | 0.016 ERATURE A -10 14 ISION OR C -0.920 -0.690 -0.460 -0.230 0.000 0.230 | 0.014 T TIME OF 0 32 ONTRACTI -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 | 0.008 & INSTALL 20 68 -1.610 -1.380 -1.150 -0.920 -0.690 -0.460 | 0.005 ATION 30 86 -1.840 -1.610 -1.380 -1.150 -0.920 -0.690 | -2.070 -1.840 -1.610 -1.380 -1.150 -0.920 | -2.300 -2.070 -1.840 -1.610 -1.380 -1.150 |
| CONSTRUCTION LEMP. | °C -50 -40 -30 -20 -10 0 10 | *F | 0.027 -50 -58 0.000 0.230 0.460 0.690 0.920 1.150 1.380 | -40 -40 -0.230 0.000 0.230 0.460 0.690 0.920 1.150 | 0.022 AVERA -30 -22 -0.460 -0.230 0.000 0.230 0.460 0.690 0.920 | -20 -4 EXPAN -0.690 -0.460 -0.230 0.000 0.230 0.460 0.690 | 0.016 ERATURE A -10 14 ISION OR C -0.920 -0.690 -0.460 -0.230 0.000 0.230 0.460 | 0.014 T TIME OF 0 32 ONTRACTI -1.150 -0.920 -0.690 -0.460 -0.230 0.000 0.230 | CUTTING 10 50 ON (MM/M -1.380 -1.150 -0.920 -0.690 -0.460 -0.230 0.000 | 0.008 & INSTALL 20 68 IETER) -1.610 -1.380 -1.150 -0.920 -0.690 -0.460 -0.230 | 0.005 ATION 30 86 -1.840 -1.610 -1.380 -1.150 -0.920 -0.690 -0.460 | -2.070 -1.840 -1.610 -1.380 -1.150 -0.920 -0.690 | -2.300 -2.070 -1.840 -1.610 -1.380 -0.920 |
| 3L | °C -50 -40 -30 -20 -10 0 10 20 | *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 | -0.460 -0.230 0.000 0.230 0.460 0.690 0.920 1.150 | -20 -4 EXPAN -0.690 -0.460 -0.230 0.000 0.230 0.460 0.690 0.920 | 0.016 ERATURE A -10 14 ISION OR C -0.920 -0.690 -0.460 -0.230 0.000 0.230 0.460 0.690 | 0.014 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 | 0.008 & INSTALL 20 68 -1.610 -1.380 -1.150 -0.920 -0.690 -0.460 -0.230 0.000 | -1.840 -1.610 -1.380 -1.150 -0.920 -0.690 -0.460 -0.230 | -2.070 -1.840 -1.610 -1.380 -1.150 -0.920 -0.690 -0.460 | -2.300 -2.070 -1.840 -1.610 -1.380 -1.150 -0.920 -0.690 |

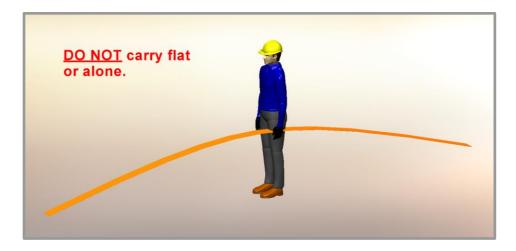


Proper Handling of Longboard Products

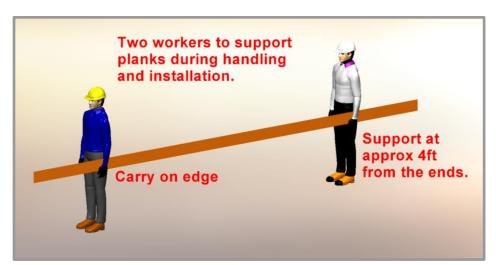


To help avoid injury and product damage, Longboard products require proper handling to and from storage areas during installation. When carrying or installing any products it is recommended that they be moved or carried by at least two people with each support point approximately 4ft from the ends. Carrying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









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



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

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



Exterior Products

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

| 5 | Size | 12′ * | 24′ ‡ | 12' Perf * | 24' Perf ‡ |
|---|------|----------|----------|------------|------------|
| 6 | 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 | 6TR 145 | 6TB 289 | _ | _ |

Castellation Planks

| Size | 12′ * | 24′ ‡ | 12' Perf * | 24' Perf * | |
|------|---------|---------|------------|------------|--|
| 4" | 4CA.145 | 4CA.289 | - | - | |
| 8" | 9CA 14E | 8CV 380 | _ | | |

Trim Components

| Туре | Style | Product | Dimensions | SKU |
|-----------------------|-------------|--|----------------|------------|
| Starter | Precision | Starter J-Track | (5/8") - 12' | 1SJT.145 |
| Starter | Traditional | Starter Strip | (1-7/8") - 12' | 2SS.145 |
| Starter | Traditional | Back-to-Back Starter Strip | (1-1/4") | 2BTBSS.145 |
| J-Track | Precision | Two Piece J-Track | (5/8") - 12' | 1X1JT.145 |
| J-Track | Precision | J-Track | (5/8") - 12' | 1JT.145 |
| J-Track | Craftsman | J-Track | (7/8") - 12' | 1JT23.145 |
| J-Track | Craftsman | Two Piece J-Track | (7/8") - 12' | JT23S.145 |
| J-Track | Traditional | Two Piece J-Track | (1-3/8") - 12' | 1X2JT.145 |
| Corner | Precision | Outside Corner | (3/16") - 12' | 05OC.145 |
| Corner | Craftsman | Inside Corner | (3/4") - 12' | 1IC.145 |
| Corner | Craftsman | Outside Corner | (1") - 12' | 10C.145 |
| Corner | Traditional | Corner Set | (2") - 12' | 2CORS.145 |
| Corner | Traditional | 3" Smooth | (3") - 24' | 3SCP.289 |
| Corner | Traditional | 3" V-Groove | (3") - 24' | 3SVP.289 |
| Reveal | Precision | Flat Reveal | (1/2") - 12' | 1FR.145 |
| Reveal | Precision | T&G Flat Reveal | (1/2") - 24' | 1TGFR.289 |
| Reveal | Craftsman | U-Reveal Set | (3/4") - 12' | 1URS.145 |
| Reveal | Craftsman | T&G U-Reveal | (3/4) - 24' | 1TGURK.289 |
| Reveal | Traditional | U-Reveal Set | (1-1/2") - 12' | 2URS.145 |
| Reveal | Traditional | Flat Reveal Set | (1-1/2") - 12' | 2FRS.145 |
| Reveal | Traditional | T&G U-Reveal | (1 1/2") - 24' | 2TGURK.289 |
| Reveal | Traditional | Offset Flat Reveal Set, J-Track Base | (2") - 12' | 20FFJ.145 |
| Reveal | Traditional | Offset Flat Reveal Set, Termination Base | (2") - 12' | 20FFT.145 |
| Termination | Precision | Termination Set | (5/8") - 12' | 1TS.145 |
| Termination | Craftsman | Termination Set | (7/8") - 12' | TS23S.145 |
| Termination | Traditional | Termination Set | (1-3/8") - 12' | 2TS.145 |
| Compression Joints | Traditional | Compression Joint | (1-3/8") - 24' | 2CJ.289 |







Planks



Channel Planks



Perforated Planks



Bevel Planks



Castellation Planks

Accessories

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



Precision Starter J-Track



Traditional Starter Strip



Traditional Back-to-Back Starter Strip



Precision Two-Piece J-Track





Craftsman J-Track



Craftsman Two Piece J-Track



Traditional Two Piece J-Track



Outside

Traditional

Craftsman

3" Smooth Corner



Craftsman Inside Corner

Traditional 3" V Groove Corner



Craftsman Outside



Traditional Corner Set





Flat Reveal





Traditional U-Reveal Set Reveal Set



Traditional T&G U-Reveal

Craftsman

Termination



Craftsman T&G U-Reveal

Traditional Offset Flat Reveal Set, J-Track Base



Traditional Offset





Traditional Termination



Compression Joint

Link & Lock™ Battens

| LIIIK | X LUCK D | atteris | | |
|--------------------------|-------------|-------------|----------------------|------------------------|
| 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 | - |

| 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 |



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 |

Link & Lock ™ Box Battens

| 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

Finishes

Woodgrains

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

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

Solid & Specialty

15 Year

20 Year

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

Naturally Aged Metals

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

Example of complete product SKU

6V.289.15DFR

(Product.Length.Finish)

Finish Options

Achieve your vision.

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

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

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

Longboard Finish Classification

Type: Woodgrain / Solid / Metallic / Speckle / Naturally Aged Metal Surface: Smooth / Textured Sheen: Matte / Satin / Glossy Performance: AAMA 2604 / AAMA 2605 Finish Warranty: 15 Year / 20 Year

Woodgrains

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



Light National Table Walnut

Old Navy

Smooth Satin

Solid

Medium Blue

Smooth Satin

Solid

Brick Red

Smooth Satin

Solid

Chilli Pepper

Smooth Satin

Solid

Walnut

Solid

Solid & Specialty

Dark Knotty

Southern

Yellow Pine

Light Olive

Dark Olive



Sand Drift

Italian

Rosewood

Dark Walnut

Dark National

Walnut



Metal







Metal



Textured Matte Naturally Aged







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

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



Warranty granted to (building owner):



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

Product codes: Product description:

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

Finish:

Clause 1

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

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

Clause 2

Product Finish - AAMA 2605 Performance Specification

- During the first twenty (20) years of this warranty:
- Checking/Cracking: No visible checking or cracking of the 2.2 product finish on the building.
- Chalking Resistance: No chalking of the product finish on the building in excess of that represented by No.8 rating 2.3 based on ASTM D4214.
- Color Retention: No color change of the product finish on the building greater that 5 (five) CIE Lab ΔE units calculated 2.4 in accordance with ASTM 2244 Section 6.3. Color change shall be measured on the exposed paint surface which has been cleaned of oil, grease, chalk, oxidized film or other contaminants, corresponding values shall be measured on the control panel
- Gloss Retention: Coated surface will exhibit gloss retention of a minimum of 50% of the original. Gloss retention shall

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

Clause 3

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

Clause 4

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

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

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

| I have re | ead and | agree to | the tern | ns of th | ne Longboa | ard® Produ | ct 15 year |
|-----------|-----------|----------|----------|-----------|--------------|------------|-------------|
| powder | coated | surface | and 50 |) year | aluminum | extruded | profile(s) |
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| coated surface and 50 year aluminum extruded pro | ofile(s) | | | | |
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| y and acknowledge receipt of a copy of the Warranty Certificate. | | | | | |
| | Dulv | | | | |

| coated surface and 50 year aluminum extruded profile(s) | | | | |
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| and acknowledge receipt of a copy of the Warranty Certificate. | | | | |
| | Dulv | | | |

Date:

| Signature: | | | |
|------------|--|--|--|



authorized on behalf of Longboard:

Name and designation:

Date:

Signature:

Name of owner or contractor: