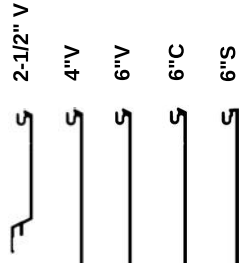


TONGUE & GROOVE SOFFIT SYSTEM



TYPICAL ISOMETRIC



PROFILES

- V-Groove: 2-1/2", 4", 6"
- V-Groove Perforated: 2-1/2", 6"
- Smooth: 6"
- Smooth Perforated: 6"
- Channel: 6"
- Standard Lengths: 24'
- 96 SQ FT/box

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

T&G_SO_IS_RA_V2

FINISHES

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

ATTACHMENT

Planks: Quick-screen clips w. #8 screws* @ 32" 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.



BIM & CAD

RVT & DWG files available, see website for details

LEAD TIME

3-6 business days + shipping (subject to change)



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

2-1/2" Perforated provides a net vent area of 84sq.in/12' or 23.33% open

6" Perforated provides a net vent area of 501 sq.in/24' or 29% open

TESTING


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

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

Florida Product Code: FL20075

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

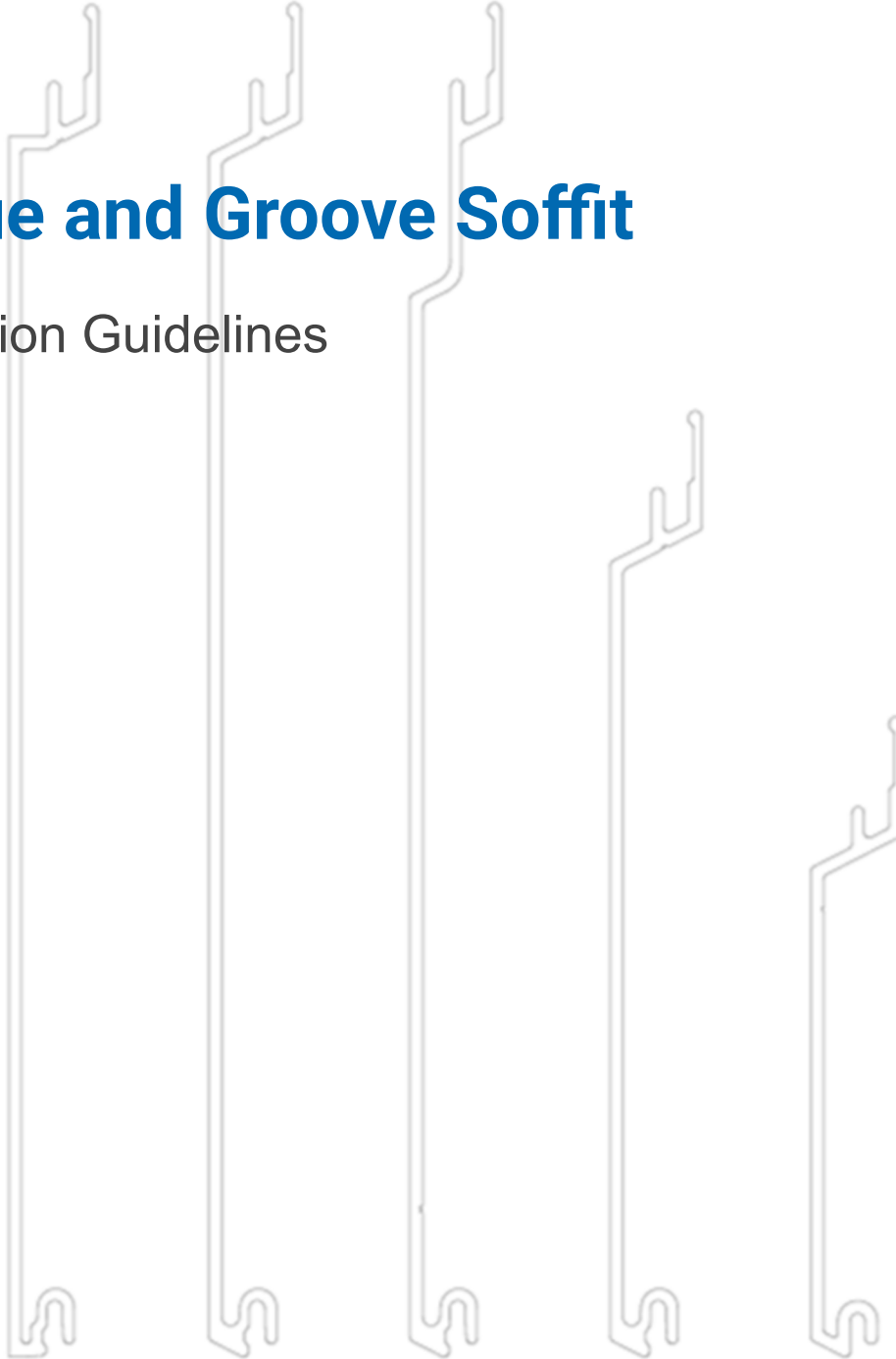


LONGBOARD®
ARCHITECTURAL PRODUCTS

Exterior

Tongue and Groove Soffit

Installation Guidelines



GENERAL

1.1. Product Description

Longboard® Tongue & Groove Soffit is an extruded aluminum vented* or non-vented soffit system. Planks are available in standard lengths of 24' (7.3m) and widths/profiles of 2.5" V-Groove, 4" V-Groove, 6" V-Groove, 6" Smooth and 6" Channel. Components are 12' (3.7m) lengths, used for end captures such as around the perimeter of the installation as well as around penetrations and openings.

*Longboard 2-½" (63.5mm) V-Groove Perforated is used where venting is required (see appendix for Net Vent Area value).

1.2. Installation Considerations

Depth of system (measured from substrate to finished face):

Components = 9/16" (15mm) **this is the total depth of the system*

Planks = 1/2" (12mm)

Radiused soffits (eg: barrel vault): 15' (4.6m) minimum radius (contact Longboard for tighter radii details).

Longboard Products are not recommended for use on marine applications in direct contact with salt water.

1.3. Cutting

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

Use standard wood-cutting tools such as a Table Saw & Miter Saw with a carbide blade (60-80 tooth) for non-ferrous metals (aluminum), Jig Saw, Hole-Saw & drill for attachments.

Cut planks to the midpoint coverage area of components, to allow for expansion & contraction (see 1.4.1.). Trim the taped ends of all stock length material by 1/2" (12mm) each end and discard (see 1.5.).

1.4. Fastening

Components should be hard-fastened* every 16" (406mm) O.C. directly through the flange.

**#8 pan-head self-drilling screws (not included) are recommended*

Planks & Starter are secured using Longboard Quick-Screen Clips (included for standard 32" (813mm) O.C.) fastened to the substrate with screws*.

**#8 pan-head screws (not included) are recommended*

⚠ All fasteners should be suitable for exterior use and be compatible with the substrate type.

See Table 1 to adjust fastener spacings of Planks, to meet specific wind-loads.
 See Table 2 for fastener spacing and location of Starter.

Quick-Screen Clip Spacing - Wind-Load

Table 1: Maximum Tributary Area and Clip Spacing for Longboard Quick-Screen Clip

Maximum Factored Wind Load* (psf)	4 in. Wide Planks			6 in. Wide Planks		
	Maximum Tributary Area of Clips (in ²)	Maximum Horizontal Spacing (in)	Maximum Vertical Spacing ^{2,3} (in)	Maximum Tributary Area of Clips (in ²)	Maximum Horizontal Spacing (in)	Maximum Vertical Spacing ^{2,3} (in)
Sheathed Wood-Frame Wall w/ 1.5 in. lg. #8 pan head wood screws						
+/- 20	245	61	4	313	52	6
+/- 30	214	53	4	274	46	6
+/- 40	194	49	4	222	37	6
+/- 50	179	45	4	179	30	6
+/- 60	149	37	4	149	25	6
+/- 70	128	32	4	128	21	6
Sheathed Wood-Frame Wall w/ 2.0 in. lg. #8 pan head wood screws						
+/- 20	245	61	4	313	52	6
+/- 30	214	53	4	274	46	6
+/- 40	194	49	4	246	41	6
+/- 50	180	45	4	197	33	6
+/- 60	164	41	4	164	27	6
+/- 70	141	35	4	141	23	6

Table 1 Cont'd: Maximum Tributary Area and Clip Spacing for Longboard Quick-Screen Clip

Maximum Factored Wind Load* (psf)	4 in. Wide Planks			6 in. Wide Planks		
	Maximum Tributary Area of Clips (in ²)	Maximum Horizontal Spacing (in)	Maximum Vertical Spacing ^{2,3} (in)	Maximum Tributary Area of Clips (in ²)	Maximum Horizontal Spacing (in)	Maximum Vertical Spacing ^{2,3} (in)
Sheathed 18ga. 33ksi Steel Stud Wall w/ #8 Pan Head Self-Drilling Screws						
+/- 20	245	61	4	313	52	6
+/- 30	214	53	4	220	37	6
+/- 40	165	41	4	165	27	6
+/- 50	132	33	4	132	22	6
+/- 60	110	27	4	110	18	6
+/- 70	94	24	4	94	16	6
Sheathed 16ga. 50ksi Steel Stud Wall w/ #8 Pan Head Self-Drilling Screws						
+/- 20	245	61	4	313	52	6
+/- 30	214	53	4	274	46	6
+/- 40	194	49	4	217	36	6
+/- 50	174	44	4	174	29	6
+/- 60	145	36	4	145	24	6
+/- 70	124	31	4	124	21	6

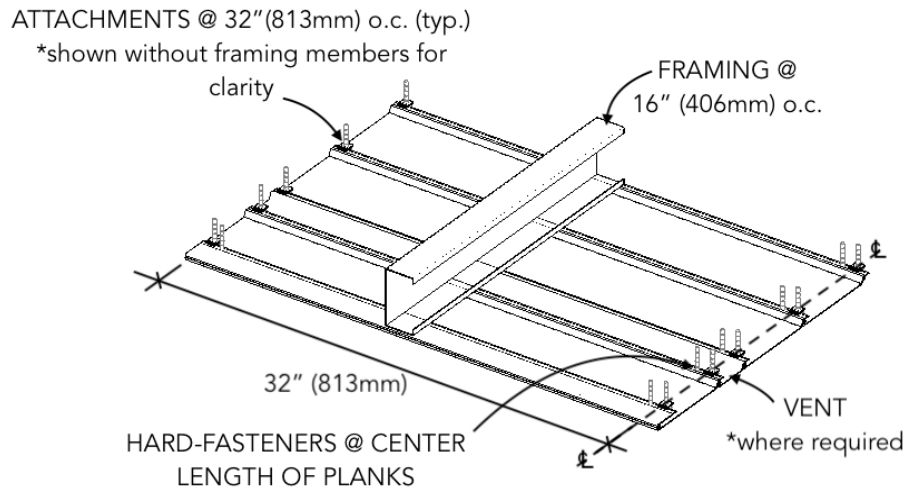
- ¹ - Wind loads are three second gust basic wind speed based, and assume all height, directionally, exposure, topographic, pressure and gust effect coefficients have been applied.
- ² - Spacing is from clip center to center
- ³ - Maximum vertical spacing limited by siding vertical dimension
- ⁴ - An unfastened dead load of 1.5 psf was assumed for the cladding.
- ⁵ - If fastening to every second stud, the attachment stud shall be staggered between adjacent runs of siding.
- ⁶ - The Starter Strip shall be fastened at 16 in. o.c. with #8 self-drilling screws into 18 ga. 33 ksi steel studs or 1.5 in. long #8 wood screws into wood studs (min. S-P-F grade). The Starter Strip shall be fastened at 32 in. o.c. with #8 self-drilling screws into 16 ga. 50 ksi steel studs or 2.0 in. long #8 wood screws into wood studs (min. S-P-F grade).

Table 2: Fastening Requirements Longboard Starter

Backing Wall/ Fastener	Maximum Factored Wind Load* (psf)	Siding Width (in)	Maximum Horizontal Screw Spacing (in)	Screw Location In Strip	Siding Width (in)	Maximum Horizontal Screw Spacing (in)	Screw Location In Strip
Wood Stud w/ #8 - 1.5in lg. screws	+/- 20	4	16	End	6	16	End
	+/- 30		16	End		16	End
	+/- 40		16	End		16	Middle
	+/- 50		16	End		16	Middle
	+/- 60		16	Middle		16	Middle
	+/- 70		16	Middle		16	Middle
Wood Stud w/ #8 - 2.0in lg. screws	+/- 20	4	32	End	6	32	End
	+/- 30		32	End		16	End
	+/- 40		32	End		16	End
	+/- 50		16	End		16	Middle
	+/- 60		16	End		16	Middle
	+/- 70		16	End		16	Middle
18ga 33ksi steel studs w/ #8 screws	+/- 20	4	16	End	6	16	End
	+/- 30		16	End		16	Middle
	+/- 40		16	Middle		16	Middle
	+/- 50		16	Middle		16	Middle
	+/- 60		16	Middle		16	Middle
	+/- 70		16	Middle		16	Middle
16ga 50ksi steel studs w/ #8 screws	+/- 20	4	32	End	6	32	End
	+/- 30		32	End		16	End
	+/- 40		16	End		16	End
	+/- 50		16	End		16	Middle
	+/- 60		16	End		16	Middle
	+/- 70		16	End		16	Middle

Quick-Screen Clips allow for free movement of the planks, to expand & contract during thermal changes (see 1.4.1.).

TIP! It is good practice to hard-fasten each plank directly through the flange, near the center of each length to keep the planks from migrating.



! If installing with staggered butt-joints, hard-fasten the two planks at the butt-joint to ensure joints do not open up (see Detail A&B). Fasteners should be anchored into a solid secure framing member, blocking, furring strip or backer plate* etc. (*see Detail B). Use touch-up paint pens (purchased separately) to finish the ends of the two (2) planks at the butt-joint.

DO NOT hard fasten more than one (1) location per plank:

Butt-joints: at the joints

No butt-joints: center of planks

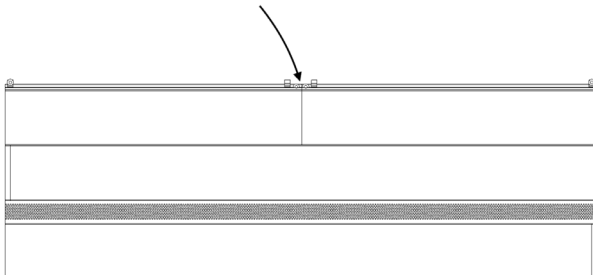
DO NOT install more than one (1) butt-joint between two components

DO NOT hard fasten a plank to a component trim, as this will restrict its ability to expand & contract into the component

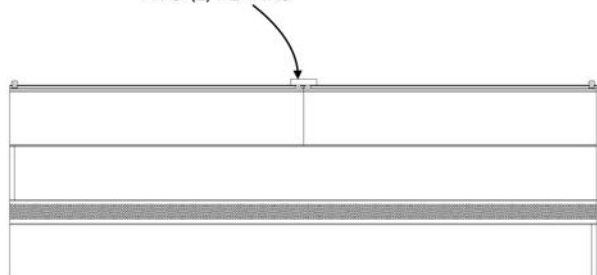
Detail A:

Detail B:

HARD FASTENERS PLACED AT ENDS OF EACH OF THE TWO (2) PLANKS, SECURED INTO SOLID SECURE FRAMING OR BLOCKING ETC.



STARTER SPANNING BUTT-JOINT AS BACKER. HARD FASTENERS PLACED AT EACH END OF THE TWO (2) PLANKS



1.4.1. Expansion & Contraction

Planks & Components expand & contract 1/4" (6mm) over 24' (7.3m) in all directions, measured over a 30°C (54°F) temperature range. The following expansion components should be installed every:

24' (7.3m)*: Traditional Flat Reveal Set, Traditional U-Reveal Set

*40' (12.2m) max. where staggered butt-joints are used

12' (3.7m): Craftsman U-Reveal Set

6' 8" (2m): Precision Flat Reveal

Each plank must terminate into a minimum of one (1) component to allow for expansion & contraction.

See **3. System Installation** for layout details and tables below for expansion/contraction calculations per foot/meter of material.

TABLE 1 - IMPERIAL

		AVERAGE TEMPERATURE AT TIME OF CUTTING & INSTALLATION											
°C		-50	-40	-30	-20	-10	0	10	20	30	40	50	
°F		-58	-40	-22	-4	14	32	50	68	86	104	122	
MIN/MAX POST CONSTRUCTION TEMP.	°C	EXPANSION OR CONTRACTION (INCH/FOOT)											
	°F	0.000	-0.003	-0.005	-0.008	-0.011	-0.014	-0.016	-0.019	-0.022	-0.024	-0.027	
	-50	-58	0.003	0.000	-0.003	-0.005	-0.008	-0.011	-0.014	-0.016	-0.019	-0.022	-0.024
	-40	-40	0.005	0.003	0.000	-0.003	-0.005	-0.008	-0.011	-0.014	-0.016	-0.019	-0.022
	-30	-22	0.008	0.005	0.003	0.000	-0.003	-0.005	-0.008	-0.011	-0.014	-0.016	-0.019
	-20	-4	0.011	0.008	0.005	0.003	0.000	-0.003	-0.005	-0.008	-0.011	-0.014	-0.016
	-10	14	0.014	0.011	0.008	0.005	0.003	0.000	-0.003	-0.005	-0.008	-0.011	-0.014
	0	32	0.016	0.014	0.011	0.008	0.005	0.003	0.000	-0.003	-0.005	-0.008	-0.011
	10	50	0.019	0.016	0.014	0.011	0.008	0.005	0.003	0.000	-0.003	-0.005	-0.008
	20	68	0.022	0.019	0.016	0.014	0.011	0.008	0.005	0.003	0.000	-0.003	-0.005
	30	86	0.024	0.022	0.019	0.016	0.014	0.011	0.008	0.005	0.003	0.000	-0.003
40	104	0.027	0.024	0.022	0.019	0.016	0.014	0.011	0.008	0.005	0.003	0.000	
50	122												

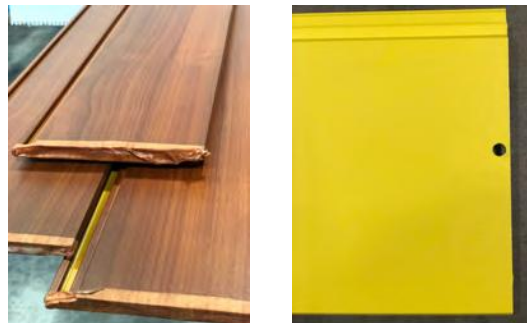
TABLE 2 - METRIC

		AVERAGE TEMPERATURE AT TIME OF CUTTING & INSTALLATION											
°C		-50	-40	-30	-20	-10	0	10	20	30	40	50	
°F		-58	-40	-22	-4	14	32	50	68	86	104	122	
MIN/MAX POST CONSTRUCTION TEMP.	°C	EXPANSION OR CONTRACTION (MM/METER)											
	°F	0.000	-0.230	-0.460	-0.690	-0.920	-1.150	-1.380	-1.610	-1.840	-2.070	-2.300	
	-50	-58	0.230	0.000	-0.230	-0.460	-0.690	-0.920	-1.150	-1.380	-1.610	-1.840	-2.070
	-40	-40	0.460	0.230	0.000	-0.230	-0.460	-0.690	-0.920	-1.150	-1.380	-1.610	-1.840
	-30	-22	0.690	0.460	0.230	0.000	-0.230	-0.460	-0.690	-0.920	-1.150	-1.380	-1.610
	-20	-4	0.920	0.690	0.460	0.230	0.000	-0.230	-0.460	-0.690	-0.920	-1.150	-1.380
	-10	14	1.150	0.920	0.690	0.460	0.230	0.000	-0.230	-0.460	-0.690	-0.920	-1.150
	0	32	1.380	1.150	0.920	0.690	0.460	0.230	0.000	-0.230	-0.460	-0.690	-0.920
	10	50	1.610	1.380	1.150	0.920	0.690	0.460	0.230	0.000	-0.230	-0.460	-0.690
	20	68	1.840	1.610	1.380	1.150	0.920	0.690	0.460	0.230	0.000	-0.230	-0.460
	30	86	2.070	1.840	1.610	1.380	1.150	0.920	0.690	0.460	0.230	0.000	-0.230
40	104	2.300	2.070	1.840	1.610	1.380	1.150	0.920	0.690	0.460	0.230	0.000	
50	122												

1.5. Surface Finish

The Longboard T&G Soffit system is available in a range of Woodgrain, Solid & Specialty Finishes with custom* solid colors available upon request. **Additional lead times apply*
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.

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



1.6. Material Ordering & Delivery

Planks are sold in box quantities:

6" V-Groove & 6" Channel: 96 SQ FT/Box (8/24's) w. 90pcs Quick-Screen Clips included*

4" V-Groove: 96 SQ FT/Box (12/24's) w. 135 Quick-Screen Clips included*

(*for 32" (813mm) o.c. attachment)

Components are sold individually by the 12' (3.7m) length.

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.

⚠ 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.

1.7. Storage & Handling

Be sure to store the material flat, keep it dry, safe & secure and remain in unopened cartons until ready to be installed. Ensure proper care when handling, to avoid damage on site.

2. FRAMING REQUIREMENTS

2.1. General

Always consult the local building authority and follow local building code requirements.

2.2. Load Capacity

The Longboard T&G Soffit system weighs approx. 1.5lbs/sq.ft. **see section drawings for individual item weights.*

2.3.1. Wood-Framing

Traditional soffit framing at 16" O.C. (406mm) with or without solid secure blocking* running perpendicular to the plank orientation.

**typically required for perpendicular soffit applications*

2.3.2. Metal Framing

18ga. (minimum)(see 1.4.Table 1) galvanized steel framing at 16" O.C. (406mm).

2.3.3. Concrete

Wood or metal furring strips (see 2.3.1. and 2.3.2. for standard requirements).

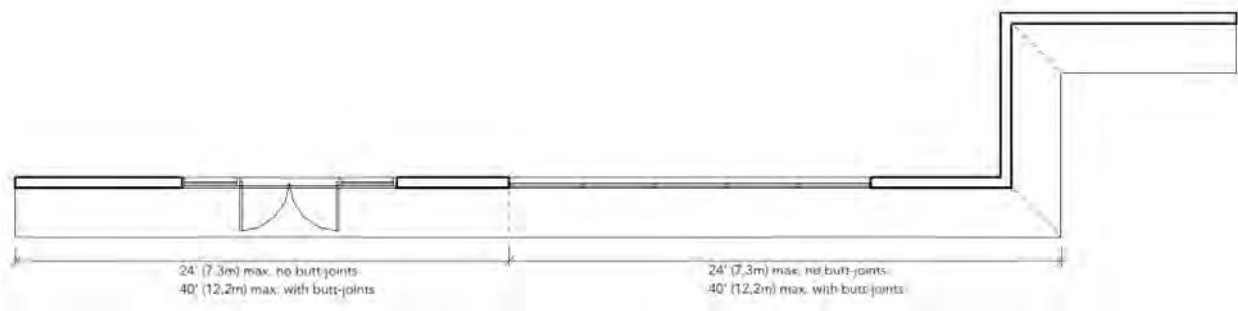
2.4. Framing Layout

Provide solid secure framing and/or blocking at 16" O.C. (406mm) for material support and attachment at 32" (813mm) O.C. (standard requirements). Where reveal trims are used; ensure all components land on a stud, blocking or 5/8" (16mm) wood sheathing is used.

3. SYSTEM INSTALLATION

3.1. Layout

Measure and layout your soffit area to consider plank & component alignment with fixtures, penetrations and adjacent walls, for the desired appearance. Understand and follow the rules for expansion components: Traditional Flat Reveal Set, Traditional U-Reveal Set, Craftsman U-Reveal Set, Precision Flat Reveal and place these accordingly (see appendix). (Traditional Components used for illustrative purposes).



3.2. Component Installation

It is good practice to leave a 1/4" (6mm) gap between every 2nd joint or 24' (7.3m) of all components, to allow for expansion & contraction. Consider the preferred joints where components meet each other, to dictate which component is installed first (eg: right angle butt joints, mitered joints etc.).

**see Appendix for material details or website for full info section drawings.*

3.3. PARALLEL TO BUILDING (for perpendicular installs, see 3.4.)

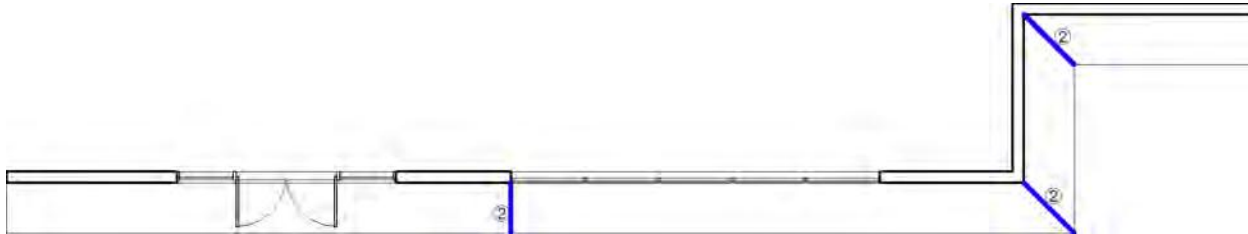
3.3.① PARA. - J-Track/Two Piece J-Track

Install J-Track or Two Piece J-Track where perpendicular to the plank orientation.



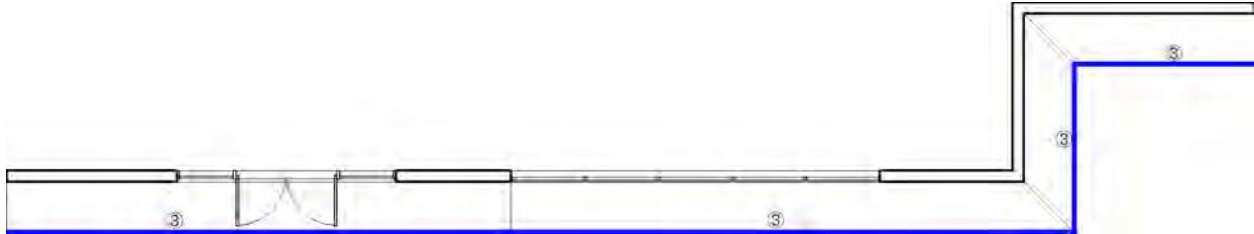
3.3.② PARA. - Expansion Reveal

For soffit areas greater than 24' (7.3m) long (no butt-joints) or 40' (12.2m) long (with staggered butt-joints) and where the soffit changes direction, install the Base for the Traditional Flat Reveal Set/Traditional U-Reveal Set. Where using the Craftsman U-Reveal Set, install this component every 12' (3.7m). Where using the Precision Flat Reveal, install this component every 6' 8" (2m). Ensure the Base is landing on a solid substrate sufficient to hold the fasteners.



3.3.③ PARA. - Starter/Starter J-Track

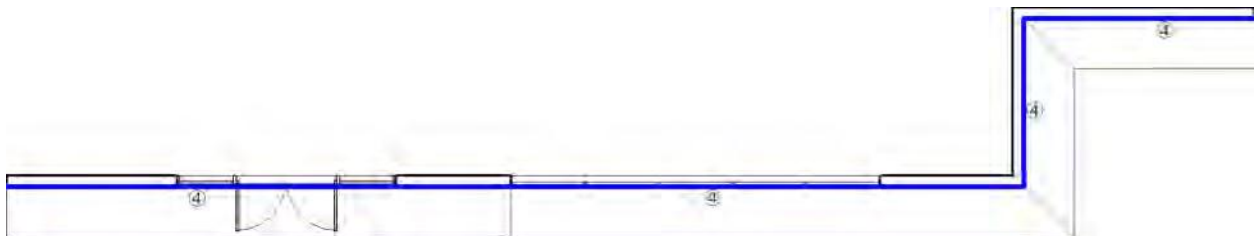
Install Starter or Starter J-Track along the outside perimeter edge of the soffit area(s), where parallel to the planks.



3.3.④ PARA. - Termination Set

Install the Termination Set (base only) along the end terminations where parallel to the planks, typically where the soffit meets the building.

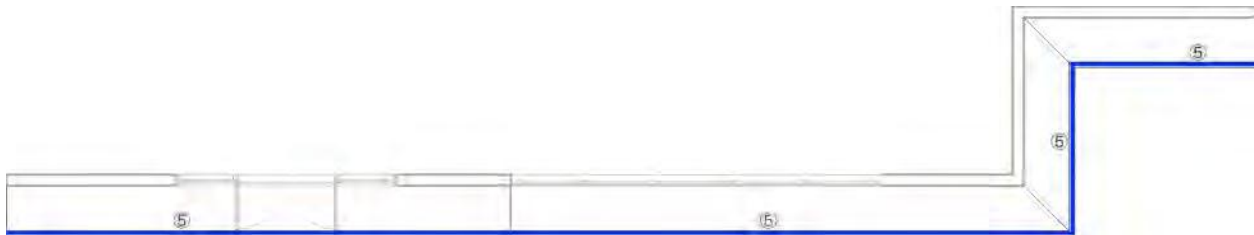
⚠ This component may not be needed, if the soffit is installed before the wall finish and can have the ripped edge of the soffit concealed by the wall finish.



3.3.⑤ PARA. - Planks

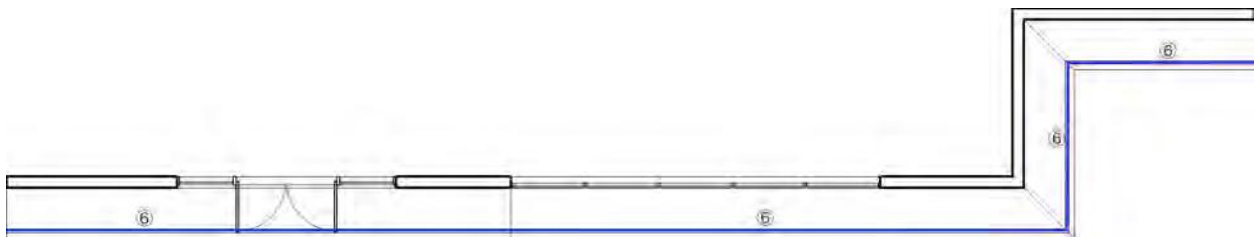
Install the first row of planks, engaging with the tongue of the Starter or Starter J-Track. Check for an aligned/square & flat installation, shim Quick-Screen Clips where needed to correct any substrate inconsistencies. Cut outs for recessed lighting and similar devices can be made using a bi-metal hole saw or jigsaw, finished by using the trim rings supplied with the fixture(s).

TIP! It is good practice to check your installation every 2-3 rows for alignment/flat/straight, for best results.



3.3.⑥ PARA. - Soffit Venting* (*where required)

Install 2-½" (63.5mm) V-Groove Perforated** where venting is required by code or building requirements, and where the air flow is not obstructed by framing or other elements above. Some designs may require more than one row of vent to meet net vent area (NVA) needs. Continue with Plank installation. **see appendix for NVA values



3.3. ⑦ PARA. - Component Caps

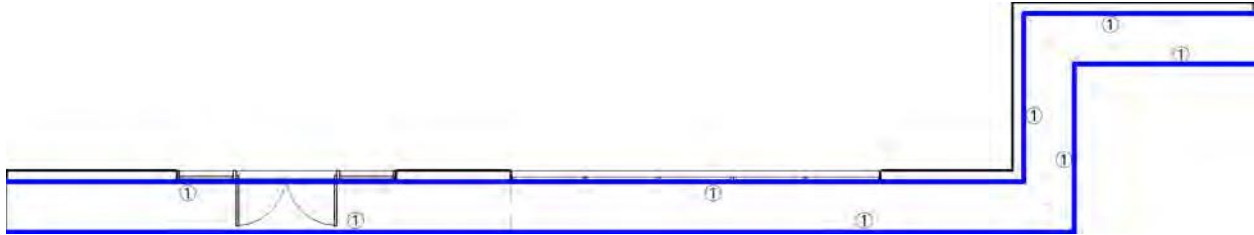
Install all caps: Flat Reveal Set, U-Reveal Set, Two Piece J-Track, Termination Set. Use a rubber mallet, hammer and block etc. to protect the finish during this process.



3.4. PERPENDICULAR TO BUILDING (for parallel installs, see 3.3.)

3.4.①PERP. - J-Track/Two Piece J-Track

Install J-Track or Two Piece J-Track where perpendicular to the plank orientation.



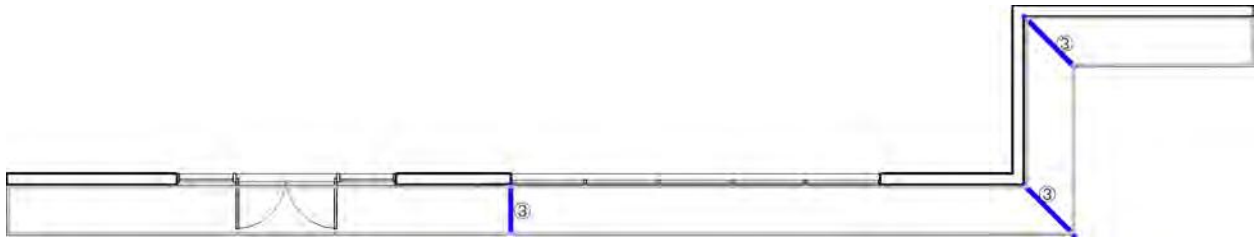
3.4.②PERP. - Termination Set

Install the Termination Set (base only) along the end terminations where parallel to the planks.



3.4.③ PERP. - Expansion Reveal

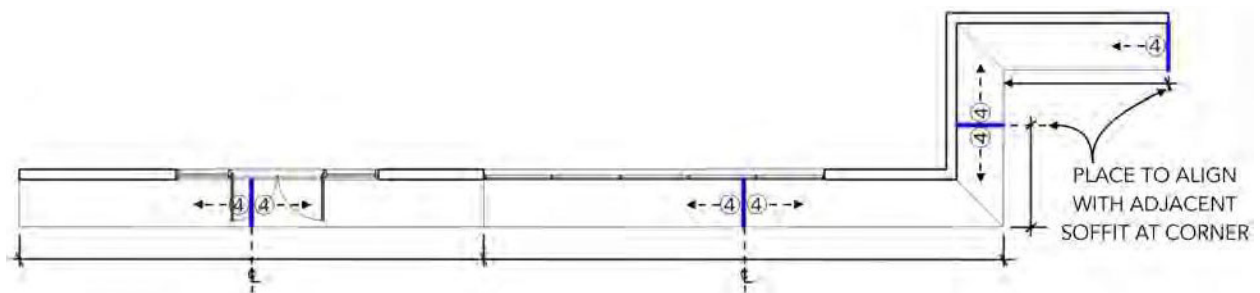
For soffit areas greater than 24' (7.3m) and where the soffit changes direction, install the Base for the Traditional Flat Reveal Set/Traditional U-Reveal Set. Where using the Craftsman U-Reveal Set, install this component every 12' (3.7m). Ensure the Base is landing on a solid substrate sufficient to hold the fasteners.



3.4.④ PERP. - Starter

Install Starter where it is ideal to begin the installation of Planks. Typically, place two (2) Starters back-to-back in the center of each soffit area (for equal width planks at each end) or one (1) Starter or Starter J-Track at one end of the installation.

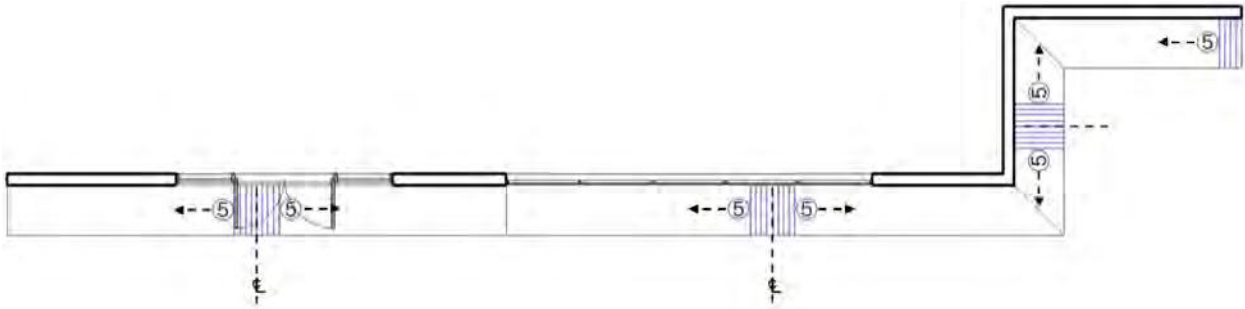
⚠ If using 6" Channel Planks, you cannot use the Starter back-to-back technique as the direction of the planks will be noticeable, due to the profile.



3.4.⑤ PERP. - Planks

Install the first row of planks, engaging with the tongue of the Starter. Check for an aligned/square & flat installation, shim Quick-Screen Clips where needed to correct any substrate inconsistencies.

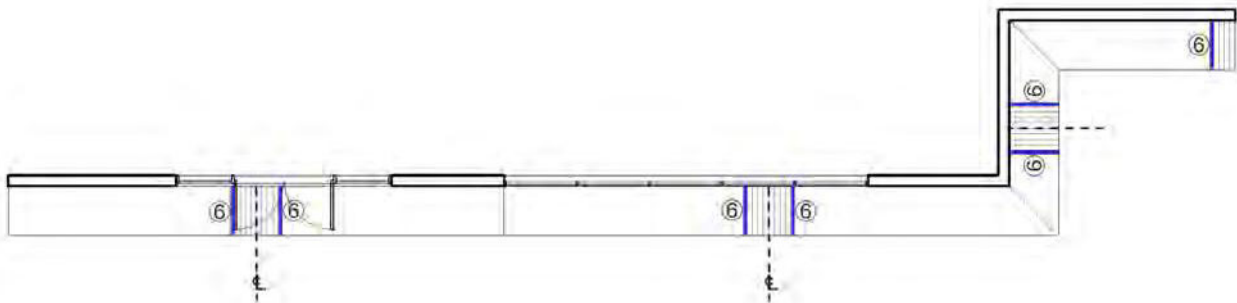
TIP! It is good practice to check your installation every 2-3 rows for alignment/flat/straight, for best results.



3.4.⑥ PERP. - Soffit Venting* (*where required)

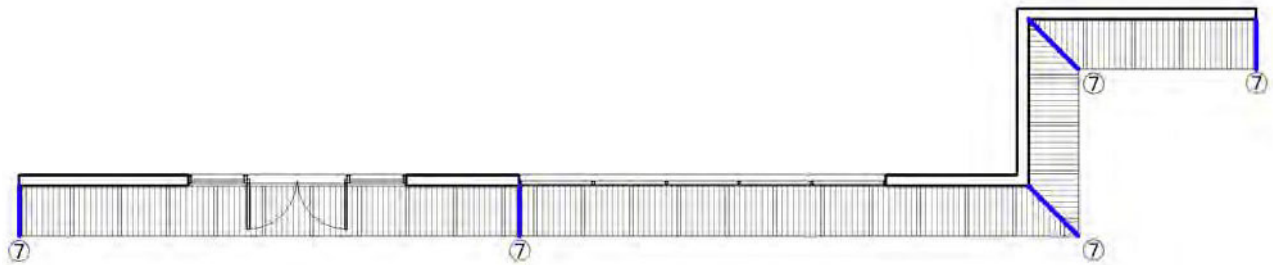
Install 2-1/2" (63.5mm) V-Groove Perforated** where venting is required by code or building requirements, and where the air flow is not obstructed by framing or other elements above. Continue with Plank installation until the next required row of Vent and repeat.

**see appendix for net vent area values



3.4. ⑦ PERP. - Component Caps

Install all caps: Flat Reveal Set, U-Reveal Set, Two Piece J-Track, Termination Set. Use a rubber mallet, hammer and block etc. to protect the finish during this process.



4. Cleaning Recommendations


**see Cleaning Guide for full requirements*

longboardproducts.com

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. These effects will not negate the structural performance of the product, but prolonged exposure to these conditions may result in permanent markings or surface damage.

Cleaning should be done in mild weather, and never in direct sunlight. Always complete a test patch on an inconspicuous area to ensure your detergent is suitable for the surface.

Your Longboard products should be cleaned immediately after installation. This is to remove any construction soils such as oils or dust. How to complete this initial cleaning depends on the level of dirt and the nature of the soil. 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.

 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.

5. WARRANTY

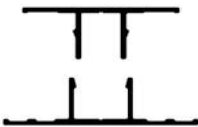


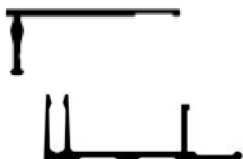

Upon substantial completion of the project, register for warranty online here:







longboardproducts.com/warranty

 Registration is required for the warranty to be in effect.

APPENDIX

INSTRUCTION STEP #	IMAGE	DESCRIPTION	TYPICAL USE
① PARA. & PERP.		PRECISION J-TRACK, 12' (3.7m) LENGTHS, WOODGRAIN, SOLID, SPECIALTY, CUSTOM SOLID	PERPENDICULAR TO PLANKS AROUND PENETRATIONS & END CONDITIONS
① PARA. & PERP. ⑦ PARA. & PERP.		TRADITIONAL TWO PIECE J-TRACK, 12' (3.7m) LENGTHS, WOODGRAIN, SOLID, SPECIALTY, CUSTOM SOLID	PERPENDICULAR TO PLANKS, USED AS AN EDGE TERMINATION COMPONENT. 24' (7.3m) MAX*. BETWEEN COMPONENTS. <i>*40' (12.2m) max. where staggered butt-joints are used</i>
① PARA. & PERP. ⑦ PARA. & PERP.		PRECISION TWO PIECE J-TRACK, 12' (3.7m) LENGTHS, WOODGRAIN, SOLID, SPECIALTY, CUSTOM SOLID	PERPENDICULAR TO PLANKS, USED AS AN EDGE TERMINATION COMPONENT. 6' 8" (2m) MAX. BETWEEN COMPONENTS.
② PARA. ③ PERP. ⑦ PARA. & PERP.		TRADITIONAL U-REVEAL SET, 12' (3.7m) LENGTHS, WOODGRAIN, SOLID, SPECIALTY, CUSTOM SOLID	EXPANSION COMPONENT AT CORNERS AND IN THE FIELD OF THE SOFFIT AREA, PERPENDICULAR TO PLANKS. 24' (7.3m) MAX*. BETWEEN COMPONENTS. <i>*40' (12.2m) max. where staggered butt-joints are used</i>
② PARA. ③ PERP. ⑦ PARA. & PERP.		CRAFTSMAN U-REVEAL SET, 12' (3.7m) LENGTHS, WOODGRAIN, SOLID, SPECIALTY, CUSTOM SOLID	EXPANSION COMPONENT AT CORNERS AND IN THE FIELD OF THE SOFFIT AREA, PERPENDICULAR TO PLANKS. 12' (3.7m) MAX*. BETWEEN COMPONENTS.

INSTRUCTION STEP #	IMAGE	DESCRIPTION	TYPICAL USE
②PARA. ③PERP. ⑦PARA. & PERP.		TRADITIONAL FLAT REVEAL SET, 12' (3.7m) LENGTHS, WOODGRAIN, SOLID, SPECIALTY, CUSTOM SOLID	EXPANSION COMPONENT AT CORNERS AND IN THE FIELD OF THE SOFFIT AREA, PERPENDICULAR TO PLANKS. 24' (7.3m) MAX*. BETWEEN COMPONENTS. *40' (12.2m) max. where staggered butt-joints are used
②PARA.		PRECISION FLAT REVEAL, 12' (3.7m) LENGTHS, WOODGRAIN, SOLID, SPECIALTY, CUSTOM SOLID	EXPANSION COMPONENT AT CORNERS (parallel soffit only) AND IN THE FIELD OF THE SOFFIT AREA, PERPENDICULAR TO PLANKS. 6' 8" (2m) MAX. BETWEEN COMPONENTS. BUTT-JOINTS IN PLANKS SHOULD <u>NOT</u> BE USED.
③PARA. ④PERP.		STARTER, 12' (3.7m) LENGTHS, MILL FINISH (RAW ALUMINUM), WOODGRAIN, SOLID, SPECIALTY, CUSTOM SOLID	PARALLEL TO THE STARTING PLANK
②PERP. ④PARA. ⑦PARA. & PERP.		TRADITIONAL TERMINATION SET, 12' (3.7m) LENGTHS, WOODGRAIN, SOLID, SPECIALTY, CUSTOM SOLID	PARALLEL TO PLANKS, USED AS AN EDGE TERMINATION COMPONENT
②PERP. ④PARA. ⑦PARA. & PERP.		PRECISION TERMINATION SET, 12' (3.7m) LENGTHS, WOODGRAIN, SOLID, SPECIALTY, CUSTOM SOLID	PARALLEL TO PLANKS, USED AS AN EDGE TERMINATION COMPONENT

INSTRUCTION STEP #	IMAGE	DESCRIPTION	TYPICAL USE
③ PARA. ④ PERP. ⑤ PARA. & PERP. ⑥ PARA. & PERP.		QUICK-SCREEN CLIP, 316 STAINLESS STEEL	PLANK, STARTER & VENT ATTACHMENT CLIP (USE #8 SCREW, SUPPLIED BY OTHERS)
⑤ PARA. & PERP.		4" V-GROOVE SIDING PLANK, 24' (7.3m) LENGTHS, WOODGRAIN, SOLID, SPECIALTY, CUSTOM SOLID	SOFFIT PLANK
⑤ PARA. & PERP.		6" V-GROOVE SIDING PLANK, 24' (7.3m) LENGTHS, WOODGRAIN, SOLID, SPECIALTY, CUSTOM SOLID	SOFFIT PLANK
⑤ PARA. & PERP.		6" CHANNEL SIDING PLANK, 24' (7.3m) LENGTHS, WOODGRAIN, SOLID, SPECIALTY, CUSTOM SOLID	SOFFIT PLANK
⑥ PARA. & PERP.		2-1/2" (63.5mm) V-Groove Perforated, 12' (3.7m) LENGTHS, WOODGRAIN, SOLID, SPECIALTY, CUSTOM SOLID, PROVIDES NET VENT AREA OF 84 SQ IN (541.9 SQ CM) PER 12' (3.7M) OR 23.33% OPEN	PARALLEL & PERPENDICULAR SOFFIT VENT STRIP, USED WHERE VENTING REQUIRED BY CODE OR BUILDING REQUIREMENTS
		PAINT PEN, WOODGRAIN, SOLID, SPECIALTY, CUSTOM SOLID	USED AT EXPOSED CUT ENDS (EG: COMPONENT ENDS AND BUTT-JOINTS)

Tongue & Groove Planks

V-Groove Planks

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

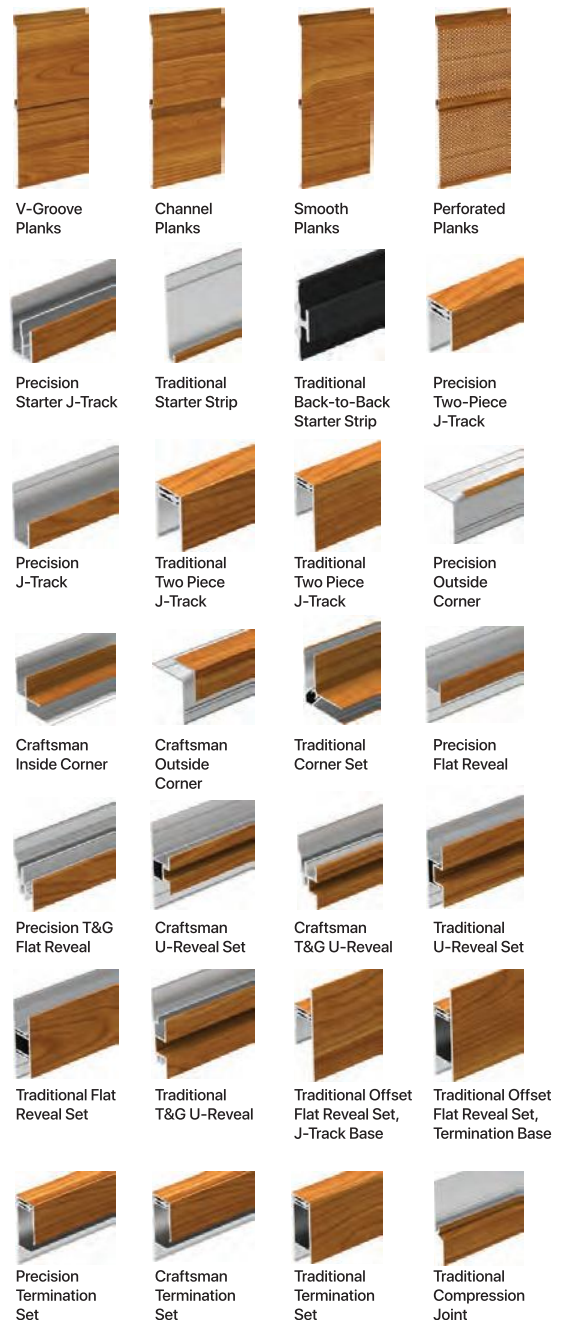
Size	12' *	24' †
6"	6CH.145	6CH.289

Accessories

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

Component Trims

Type	Style	Product	Dimensions	SKU
Starter	Precision	Starter J-Track	(5/8") - 12'	1SJT.145
Starter	Traditional	Starter Strip	(1-7/8") - 12'	2SS.145
Starter	Traditional	Back-to-Back Starter Strip	(1-1/4")	2BTSS.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	Two Piece J-Track	(7/8") - 12'	JT23S.145
J-Track	Traditional	Two Piece J-Track	(1-3/8") - 12'	1X2JT.145
Corner	Precision	Outside Corner	(3/16") - 12'	05OC.145
Corner	Craftsman	Inside Corner	(3/4") - 12'	1IC.145
Corner	Craftsman	Outside Corner	(1") - 12'	1OC.145
Corner	Traditional	Corner Set	(2") - 12'	2CORS.145
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'	2OFFJ.145
Reveal	Traditional	Offset Flat Reveal Set, Termination Base	(2") - 12'	2OFFT.145
Termination	Precision	Termination Set	(5/8") - 12'	1TS.145
Termination	Craftsman	Termination Set	(7/8") - 12'	TS.145
Termination	Traditional	Termination Set	(1-3/8") - 12'	2TS.145
Compression Joints	Traditional	Compression Joint	(1-3/8") - 24'	2CJ.289



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

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

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

Privacy Screen System

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

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



Privacy Beam

Finishes

Woodgrain	15 Year Warranty	20 Year Warranty
Birchwood	15BWD	20BWD
Beechwood	15BEE	-
Blonde Oak	15BOK	-
Dark Acacia	15DAC	20DAC
Dark Antique Oak	15DOA	20DOA
Dark Bamboo	15DBB	20DBB
Dark Cherry	15DCY	20DCY
Dark Fir	15DFR	20DFR
Dark Knotty Pine	15DKP	20DKP
Dark National Walnut	15DNW	20DNW
Dark Walnut	15DWL	20DWL
Italian Rosewood	15IRW	20IRW
Light Bamboo	15LBB	20LBB
Light Cherry	15LCY	20LCY
Light Fir	15LFR	20LFR
Light National Walnut	15LNW	20LNW
Light Oak	15LOK	20LOK
National Mahogany	15NMH	20NMH
Southern Yellow Pine	15SYP	-
Table Walnut	15TWL	20TWL
Western Cedar	15WCD	20WCD
White Oak	15WOK	20WOK

Solid Color	15 Year Warranty	20 Year Warranty
Black	15BLA	20BLA
Bone White	15BWH	20BWH
Brick Red	15BRD	20BRD
Charcoal	15CHA	20CHA
Chili Pepper	15CHP	20CHP
Classic Bronze	15CBZ	20CBZ
Dark Brown	15DBR	20DBR
Graphite	15GRA	20GRA
Medium Blue	15MBL	20MBL
Slate Grey	15SGR	20SGR
Ultra White	15UWH	20UWH

Specialty	15 Year Warranty	20 Year Warranty
Anodic Ice	15AIC	20AIC
Biscotti	15BIS	20BIS
Burnt Sienna	15BSN	20BSN
Canyon Vista	15CVI	20CVI
Ceramic Clay	15CCL	20CCL
Copper Penny	15CPE	20CPE
Moonstone	15MOO	20MOO
Old Navy	15ONA	20ONA
Platinum Ice	15PIC	20PIC
Venus	15VEN	20VEN

Naturally Aged Metals	15 Year 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

We help you achieve your vision. Whether you're looking to create a space that offers the warmth of natural woodgrain or a modern industrialized aged metal, we have a finish option for you.

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

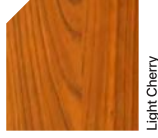
Special order finishes may require additional production lead time or pricing.

- Interior Only
- Special Order
- High Gloss Finish
- Shimmer Finish
- Low Gloss Finish
- Terracota Finish

Woodgrains



Dark Cherry



Light Cherry



Dark Fir



Light Fir



Dark National Walnut



Light National Walnut



Dark Walnut



Table Walnut



Western Cedar



Italian Rosewood



Dark Acacia



Dark Antique Oak



Light Bamboo



Light Oak



National Mahogany



White Oak



Weathered Gray



Blonde Oak



Beechwood



Dark Knotty Pine



Southern Yellow Pine

Solid Colors



Black



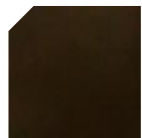
Bone White



Brick Red



Graphite



Charcoal



Slate Gray



Chili Pepper



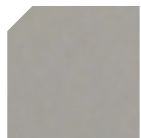
Ultra White



Ceramic Clay



Moonstone



Platinum Ice



Old Navy



Venus

Naturally Aged Metals



Carbon Mist



Molten



Smokey Topaz



Toasted Mocha

Others



Biscotti



Canyon Vista



Burnt Sienna



Copper Penny

Warranty granted to (company name):

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

Product codes: Product description:

<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>
Finish:	<input type="text"/>

<input type="text"/>	
<input type="text"/>	
<input type="text"/>	
<input type="text"/>	<input type="text"/>
<input type="text"/>	

Clause 1

Extruded Aluminum Profile(s)

Longboard expressly warrants that its product line is free from manufacturing defects in material or workmanship.

- 1.1 When siding is applied according to Longboard instructions and properly maintained, such product is guaranteed against the following:
- 1.2 Buckling: The product itself will be free of any buckling that is not associated with the substrate and/or structure to which the Longboard system is attached. For the purpose of this warranty, buckling shall be defined as warping of the product(s) exceeding one sixteenth of an inch out of plane per linear foot.
- 1.3 Corrosion: When applied 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 fifteenth (15th) year Limited Warranty Period on the powder coating finish, the Product is defective in material or workmanship, Longboard will, in its sole discretion, either repair or replace the defective portion of the Product.
- 1.5 What we will do: If, during the 50-year Limited Warranty Period on the aluminum extruded profiles, the Product is defective in material or workmanship, Longboard will, in its sole discretion, either repair or replace the defective portion of the Product.
- 1.6 After the 15th year, this Limited Warranty on the powder coated finish will expire and shall no longer be applicable.
- 1.7 After the 50th year, this Limited Warranty on the aluminum extruded profile(s) will expire and shall no longer be applicable.
- 1.8 Longboard replacement of the defective Product or reimbursement of this Limited Warranty is the exclusive remedy for the Covered Person for any defect in materials or workmanship. The Company will not refund or pay any costs in connection with labor or accessory materials.

Clause 2

- 2.1 During the first fifteen (15) years of this warranty:
- 2.2 Checking/Cracking: No visible checking or cracking of the product finish on the building.
- 2.3 Chalking Resistance: No chalking of the product finish on the building in excess of that represented by No.6 rating based on ASTM D4214.
- 2.4 Color Retention: No color change of the product finish on the building greater than 5 (five) CIE Lab ΔE units calculated in accordance with ASTM 2244 Section 6.3. Color change shall be measured on the exposed paint surface which has been cleaned of oil, grease, chalk, oxidized film or other contaminants, corresponding values shall be measured on the control panel.
- 2.5 Gloss Retention: Coated surface will exhibit gloss retention

of a minimum of 30% of the original. Gloss retention shall be measured on the exposed paint surface which has been cleaned of oil, grease, chalk, oxidized film or other contaminants, corresponding values shall be measured on the control panel.

- 2.6 Adhesion: Adhesion of product finish when initially applied to test panels and measured by reference to AAMA 2604-02 Clause 7.4.2 will show no removal of the film.

Clause 3

- 3.1 Warranty Terms and Conditions:
- 3.2 The "Warranty Period" for the warranties in Clause 1 shall mean fifty (50) years or for as long as the original "owner" and/or "purchaser" named above shall live and own the property on which the material was originally installed.
- 3.3 Clause 3: Shall mean fifteen (15) years, commencing on the date of completion.
- 3.4 Registration of the product is required for the warranty to be in effect. This warranty is valid for the original purchaser and one other owner of the structure where the product(s) have been installed.
- 3.7 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.

Clause 4

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

must be given a reasonable opportunity to inspect and verify the claim.

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

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

Name of owner or contractor:

Date:

Signature:



Duly authorized on behalf of Longboard:

Name and designation:

Date:

Signature:

Warranty granted to (company name):

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

Product codes: Product description:

<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>
Finish:	<input type="text"/>

<input type="text"/>	
<input type="text"/>	
<input type="text"/>	
<input type="text"/>	<input type="text"/>
<input type="text"/>	

Clause 1

Extruded Aluminum Profile(s)

Longboard expressly warrants that its product line is free from manufacturing defects in material or workmanship.

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

Clause 2

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

of a minimum of 30% of the original. Gloss retention shall be measured on the exposed paint surface which has been cleaned of oil, grease, chalk, oxidized film or other contaminants, corresponding values shall be measured on the control panel.

- 2.6 Adhesion: Adhesion of product finish when initially applied to test panels and measured by reference to AAMA 2604-02 Clause 7.4.2 will show no removal of the film.

Clause 3

- 3.1 Warranty Terms and Conditions:
- 3.2 The "Warranty Period" for the warranties in Clause 1 shall mean fifty (50) years or for as long as the original "owner" and/or "purchaser" named above shall live and own the property on which the material was originally installed.
- 3.3 Clause 3: Shall mean twenty (20) years, commencing on the date of completion.
- 3.4 Registration of the product is required for the warranty to be in effect. This warranty is valid for the original purchaser and one other owner of the structure where the product(s) have been installed.
- 3.7 Normal atmospheric conditions exclude corrosive or aggressive atmospheres such as those contaminated with chemical fumes or other corrosive elements. The Aluminate Ultra finish is not meant for marine use on boats, ships or offshore platforms.

Clause 4

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

must be given a reasonable opportunity to inspect and verify the claim.

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

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

Name of owner or contractor:

Date:

Signature:



Duly authorized on behalf of Longboard:

Name and designation:

Date:

Signature: