

Interior **Panelboard™ Walls Installation Guidelines**



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Finishes

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

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

Expansion & Contraction

Planks & components expand & contract 1/4" (6mm) over 24' (7.3m) in all directions, measured over a 30°C (54°F) temperature range. Due to this range of movement, the following expansion components should be installed parallel and perpendicular every:

Horizontal Install

 24' (7.3m) max¹² Perpendicular to Planks: Traditional U-Reveal Set Parallel to Planks (at each floor elevation): Compression Joint

Vertical Install

• 24' (7.3m) max² Parallel and/or Perpendicular to Planks: Traditional U-Reveal Set, J-Tracks back-to-back

¹Note: 40' (12.2m) max if using staggered butt-joints. ²Note: Through-wall flashing (where required) at every floor elevation.

Other options (Perpendicular to Planks only)

• 12' (3.7m) -Craftsman U-Reveal Set

When using expansion components, each plank must terminate into a minimum of one (1) component to allow for expansion & contraction.

See: Appendix for tables of expansion/contraction calculations per foot/meter of material.

Material Ordering & Delivery

| _ | | |
|---|------------|---|
| • | Packaging: | Planks are sold in box quantities: 6" Smooth: 96 SQ FT/Box (8/24's, 192 LF) w. 90pcs 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)

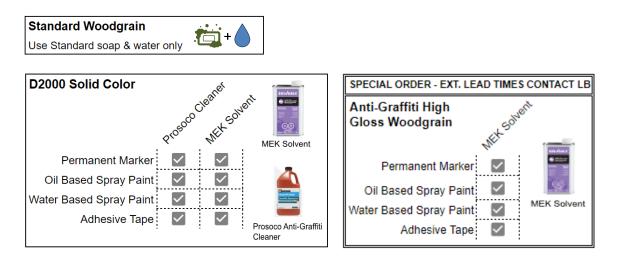
▲ NEVER use aggressive acid or alkaline cleaners on Longboard finishes. Do not use cleaners containing Trisodium Phosphate, Phosphoric Acid, Hydrochloric Acid, Hydrofluoric Acid, Fluorides, or any other compound that is known to react with metal.

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

Graffiti Removal



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

The Panelboard[™] system consists of components used in conjunction with each other to create a panelized look. For all LB components go to <u>longboardproducts.com</u>.

| V-Gro | ove Plar | nks *48s | sq. ft. box quantities [‡] 96 sq | ı. ft. box quantities | | | | | 22 | 125 |
|--------------------|------------------|-------------|--|-----------------------|------------------------------|------------------------|--|--|--|--------------------------------|
| | | | | | | | | | 1 | and the second |
| Size | 12'* | 24'* | 12' Perf * 3VP.145 | 24' Perf * | - | | and the second s | and the second second | | 1.2.2 |
| 4" | 3V.145 4V.145 | - 4V.289 | - | - | | | a second | | 1000 | 1.00 |
| 6" | 6V.145 | 6V.289 | 6VP.145 | 6VP.289 | | Butt-Joint | | | 1000 | 1 |
| | | | | | | Fastening Kit | and the second | and the second | 10 | |
| Smoot | th Plank | s | | | | | and the second | | and the second | and the second |
| Size | 12'* | 24'* | 12' Perf* | 24' Perf * | | | V-Groove | Channel | Smooth | Perforated |
| 6" | 6PSP:145 | 6PSP.289 | 6PSPP.145 | 6PSPP.289 | | 3 | Planks | Planks | Planks | Planks |
| Chann | nel Plank | | Accessori | es | | Quick-Screen Clip | | | | |
| Size | 12' * | 24'* | Product | | Qty | SKU | | | | _ |
| 6" | 6CH.145 | 6CH.289 | Quick Screen Clip | | 1750, box | CLIP.N1750 | Precision | Traditional | Traditional | Precision |
| | | | Quick Screen Clip | 15 | 100, bag 250, bag | CLIP.N100 SHIM.1001 | Starter J-Track | Starter Strip | Back-to-Back Starter Strip | Two-Piece J-Track |
| | | | Butt- Joint Fasteni | ng Kit (6") | 200, bag 20 kits, bag | TGBJKIT | 2 | | | |
| | | | Touch Up Pens Reach out to confir account manager. | | N/A | TUP | | | | |
| Trim C | Compon | ents | | | | | Precision | Craftsman | Craftsman | Traditional |
| Туре | Styl | | Product | | Dimensions | SKU | J-Track | J-Track | Two Piece J-Track | Two Piece J-Track |
| Starter | | | Starter J-Track | | (5/8") - 12' | 1SJT.145 | 11 | | | 1 |
| Starter Starter | | | Starter Strip Back-to-Back Starter Si | trip | (1-7/8") - 12' (1-1/4") | 2SS.145 2BTBSS.145 | | | | |
| J-Track | | | Two Piece J-Track | up | (1-1/4) | 1X1JT.145 | | | | |
| J-Track | | | J-Track | | (5/8") - 12' | 1JT.145 | Precision | Craftsman | - | Traditional |
| J-Track | | | J-Track | | (7/8") - 12' | JT23.145 | Outside Corner | Inside Corner | Craftsman Outside | Comer Set |
| J-Track | Crat | ftsman | Two Piece J-Track | | (7/8") - 12' | JT23S.145 | Contrait | | Corner | |
| J-Track | Trac | litional | Two Piece J-Track | | (1-3/8") - 12' | 1X2JT.145 | | THE REAL | | 1 |
| Corner | Prec | cision (| Outside Corner | | (3/16") - 12' | 05OC.145 | | 10.5% | | |
| Corner | Cra | ftsman I | Inside Corner | | (3/4") - 12' | 1IC.145 | | | | " |
| Corner | Cra | ftsman (| Outside Corner | | (1") - 12' | 10C.145 | Traditional 3" Smooth Corner | Traditional 3" V Groove Corner | Precision Flat Reveal | Precision T&G Flat Reveal |
| Corner | Trac | litional (| Corner Set | | (2") - 12' | 2CORS.145 | | | | |
| Corner | | | 3" Smooth | | (3") - 24" | 3SCP.289 | | | | |
| Corner | | | 3" V-Groove | | (3") - 24' | 3SVP.289 | | 1 | | 5 |
| Reveal | | | Flat Reveal T&G Flat Reveal | | (1/2") - 12' | 1FR.145 1TGFR.289 | Craftsman | Craftsman | Traditional | |
| Reveal | | | U-Reveal Set | | (1/2") - 24' (3/4") - 12' | 1URS.145 | U-Reveal Set | T&G U-Reveal | U-Reveal Set | Traditional Flat Reveal Set |
| Reveal | | | T&G U-Reveal | | (3/4) - 12 | 1TGURK.289 | | | | |
| Reveal | | | U-Reveal Set | | (1-1/2") - 12' | 2URS.145 | | | | |
| Reveal | | | Flat Reveal Set | | (1-1/2") - 12' | 2FRS.145 | 5 | | | |
| Reveal | | | T&G U-Reveal | | (11/2") - 24' | 2TGURK.289 | | | | |
| Reveal | Trac | ditional (| Offset Flat Reveal Set, J | J-Track Base | (2") - 12' | 20FFJ.145 | Traditional | Traditional Offset Flat Reveal Set, | Traditional Offset Flat Reveal Set, | Precision Termination |
| Reveal | Trac | ditional | Offset Flat Reveal Set, 1 | fermination Base | (2") - 12' | 20FFT.145 | T&G U-Reveal | J-Track Base | Termination Base | Set |
| Terminat | tion Pred | cision 1 | Termination Set | | (5/8") - 12' | 1TS.145 | | | | |
| Terminat | tion Cra | ftsman | Termination Set | | (7/8") - 12' | TS23S.145 | | | | |
| Terminat | tion Trac | ditional | Termination Set | | (1-3/8") - 12' | 2TS.145 | | | | |
| Compres Joints | ssion Trac | ditional (| Compression Joint | | (1-3/8") - 24' | 2CJ.289 | Craftsman | Traditional | Traditional | |
| | | | | | | | Termination Set | Termination Set | Compression Joint | |

Tools

Commonly used tools for Panelboard install.

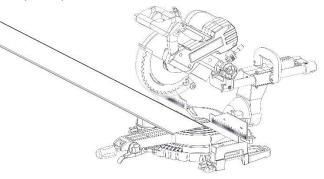
| Table Saw with Carbide Metal Blade Non-ferrous 60- 80T (for cutting aluminum) | Miter Saw with Carbide Metal Blade Non-ferrous 60- 80T (for cutting aluminum) | Cordless Drill with clutch | Jig Saw (for protrusions) |
|---|---|-------------------------------------|---|
| | 0 | | *Length, thread and point to suit substrate |
| Rubber Mallet (or Hammer) | Level | Hole Saw (for lighting fixtures) | #10 Pan Head Screws |

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

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

Typical spacing:

-using #10 Fasteners (supplied by others)

Trim components including Starter Strip

16" (406mm) O.C. •

Planks

Standard wind loads

32" (813mm) O.C. •

Higher wind loads

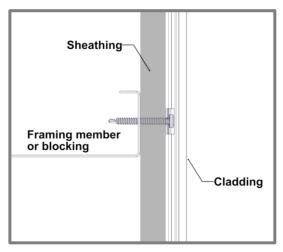
16" (406mm) O.C. •

See Appendix for fastening specs: Fastening to Structure -Table 3 **Fastening to Sheathing Tables 4-6**

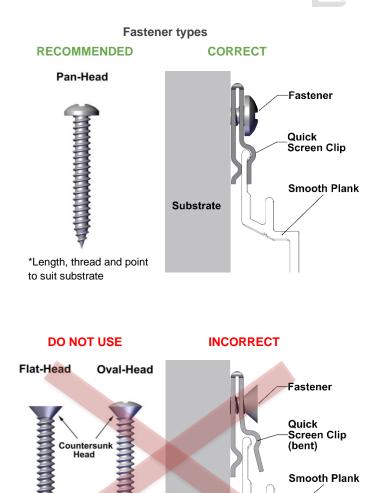
Framing/Furring requirements

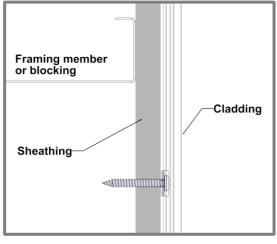
Always consult the local building authority and follow local building code requirements. When attaching to Hitch Cladding attachment System refer to Hitch Install Guide for requirements.

See Appendix for framing/furring/sheathing specs: Tables 3-6



Fastening to Structure (see Table 3 for specs)



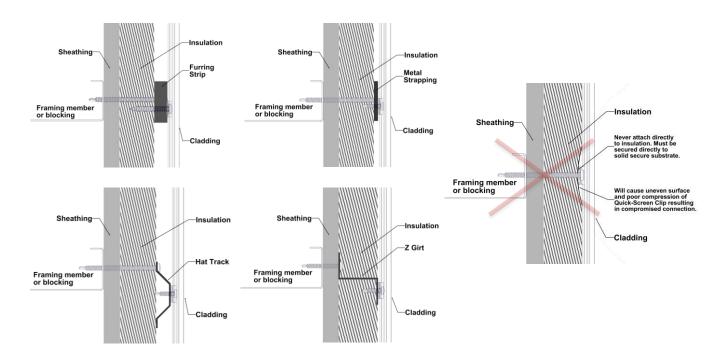


Substrate



Smooth Plank

Fastening options onto exterior insulation or existing materials *Never direct to insulation. Must be secured directly to solid secure substrate.

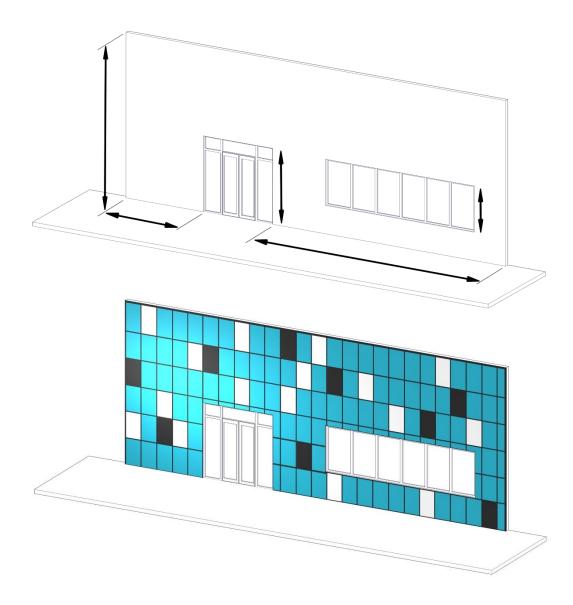


Perimeter and field area limitations

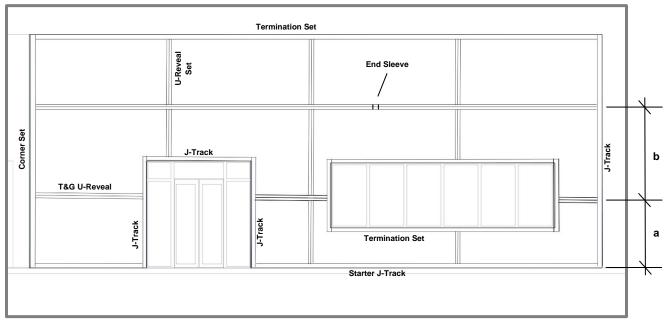
Measure and layout your wall area to consider plank & component alignment with fixtures, penetrations, and adjacent walls, for desired appearance. Consider using butt-joints along runs to minimize waste. Apply the same methodology for horizontal planks and vertical planks.

• Longboard system typical dimensions:

| Planks width | - 6" (152mm) |
|-------------------------------------|----------------|
| Planks depth | - 1/2" (12mm) |
| Planks and Quick-Screen Clips depth | - 9/16" (14mm) |
| Trim Components depth | - 5/8" (15mm) |



Component layout



Measurement considerations:

1 1/2" (38mm) T&G U-Reveal (up to 24' length panels)

(a) Start to Panel - Measuring from outer edge of the Starter J-Track to the center of the 1 1/2" U-Reveal, add 5/8" (16mm) to the dimension of the Plank area. = 6"(X) + 5/8" to ¢
 (b) Panel to Panel - Measuring from center to center of the 1 1/2" U-Reveal, add 1" (25mm) to the

dimension of the Plank area. = $6^{\circ}(X) + 1^{\circ}$ to ¢

3/4" (19mm) T&G U-Reveal (up to 12' length panels)

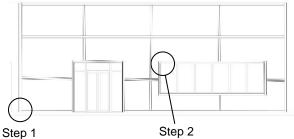
- (a) Start to Panel Measuring from outer edge of the Starter J-Track to the center of the 3/4" U-Reveal,
 - add 1/4" (6mm) to the dimension of the Plank area. = 6"(X) + 1/4" to ϕ
- (b) Panel to Panel Measuring from center to center of the 3/4" U-Reveal, add 3/8" (10mm) to the dimension of the Plank area. = 6"(X) + 3/8" to ¢

| COMPONENTS -12' | Stock lengths u | unless otherwise noted |
|------------------------|-----------------|------------------------|
|------------------------|-----------------|------------------------|

| Corner Set 2 | ", Outside Corner 1", Inside Corner 3/4" | | |
|---------------|---|--|--|
| Location: | Inside & outside corners of the installation area. | | |
| Details: | Corner Set 2" recommended for vertical cladding installs. | | |
| J-Track 5/8", | Two Piece J-Track (5/8, 7/8", 1 3/8") | | |
| Location: | Perpendicular to Planks (eg: sides of windows and doors), along gable end walls, other angled conditions, window/door headers and other penetrations. | | |
| Details: | Notch the flange at the ends where they meet corner components. | | |
| Starter J-Tra | ck 5/8", Starter Strip | | |
| Location: | Where starting with a full width Plank, typically along the bottom of the installation for horizontal Planks. | | |
| Details: | Alternatively, Starter Strip can be used back-to-back for vertical installs at the center of each cladding area for equal width ends. | | |

| U-Reveal Set (3 | /4", 1 1/2") | | |
|--|---|--|--|
| Location: Perpendicular to Planks, used to set panelized widths. | | | |
| Details: Two-piece component (cap & base). | | | |
| T&G U-Reveal (| 3/4", 1 1/2") | | |
| Location: | Parallel to Planks, used to set panelized widths. | | |
| Details: | etails: Single-piece component, use End Sleeve (included) every 24' max. (24' Stock lengths) | | |
| Termination Se | t (5/8", 7/8", 1 3/8") | | |
| Location: | Parallel to Planks along top of the installation area, underside of windows (horizontal cladding only), sides of windows/doors (vertical cladding only) and other penetrations. | | |
| Details: | Install base only to start and cap after planks are installed. | | |

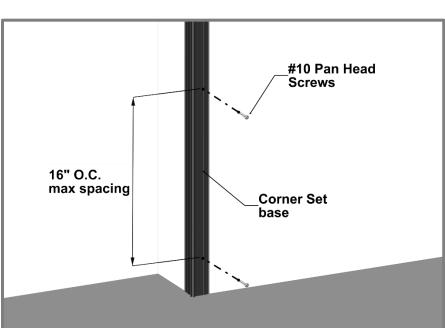
Install steps

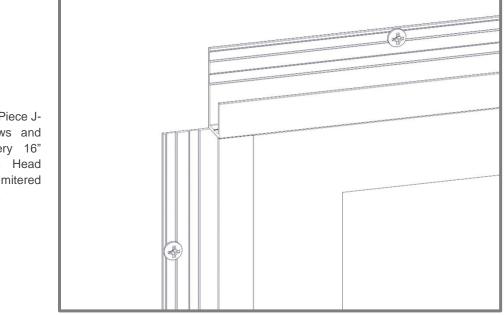


Step 1 - Corners

Install inside and outside corner bases, fastening every 16" O.C. with #10 Pan Head Screws. Corners typically extend from top to bottom of the area of application.

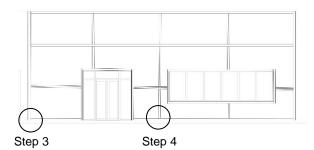
▲ Check that components are level or plumb and flat or straight, for best results.





Step 2 - J-Track

Install J-Track or Two-Piece J-Track around windows and doors, fastening every 16" O.C. with #10 Pan Head Screws. Trims can be mitered for a clean corner look.

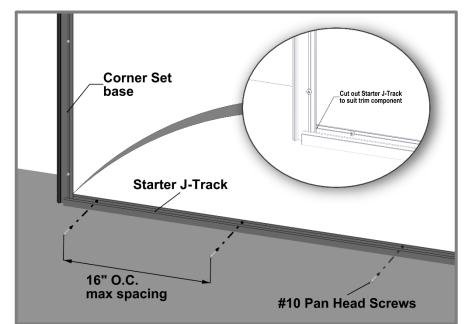


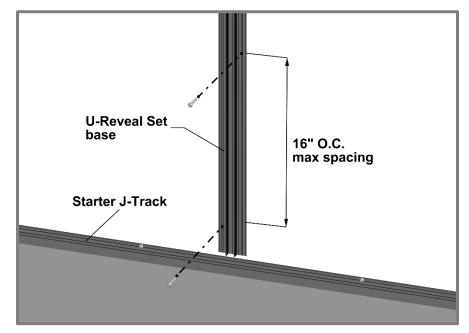
Step 3 - Starter J-Track

Install Starter J-Track or Starter Strip along the bottom of the wall(s), fastening every 16" O.C. with #10 Pan Head Screws.

Notch the Starter J-Track to suit the trim component.

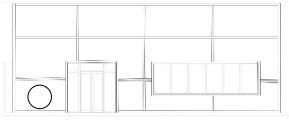
▲ Use J-Track and Back-to-Back Starter for vertical plank installations. (Not Shown)





Step 4 - U-Reveal

Install U-Reveal Set (base only) at the desired panelized length, fastening every 16" O.C. with #10 Pan Head Screws. 



Step 5

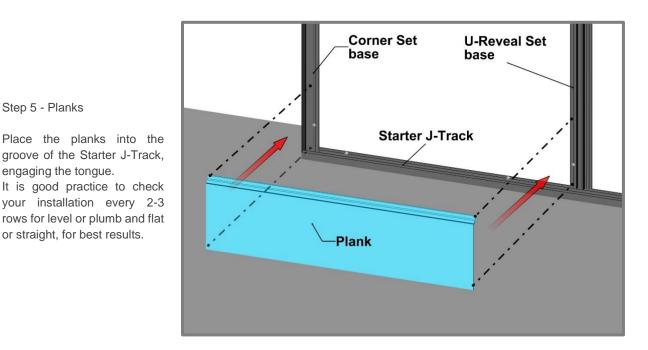
Step 5 - Planks

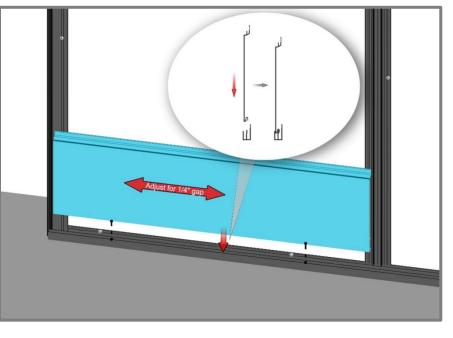
engaging the tongue.

or straight, for best results.

PLANK PREPARATION DURING INSTALL

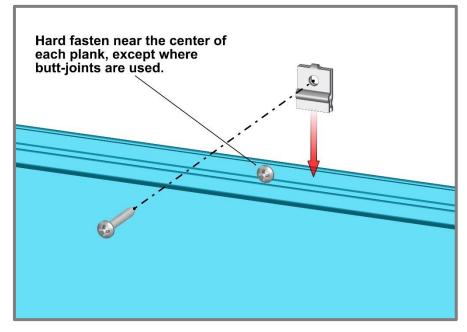
- 1. No Taped/Drilled ends (cut off 1/2" each end).
- 2. No Damage/dents and correct plank sequence per project.
- 3. Confirm allowance for expansion/contraction & confirm trim/caps cover.
- 4. Confirm level substrate, shims might be required for a flat /straight plank install.



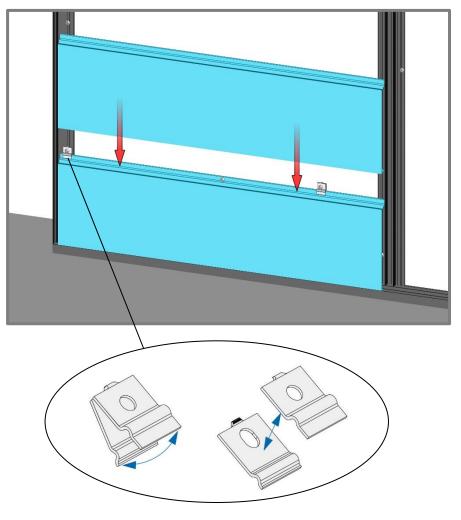


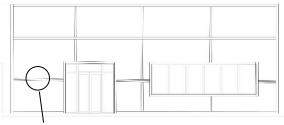
Ensure there is sufficient room for expansion and contraction of each Plank, also confirming component caps will cover.

Install Quick Screen Clips every 32" (813mm) O.C. max spacing. Hard fasten only one point near the center of each plank or fasten at the buttjoints where butt-joints are used. Shim Quick-Screen Clips where needed to correct any substrate inconsistencies.



Where anchoring the planks securely can only be achieved over component flanges; split the Quick Screen Clip and use one piece on the front. This will maintain each Planks ability to expand and contract.





Step 6

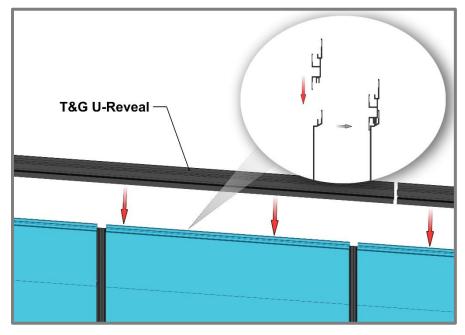
Step 6 - T&G U-Reveal

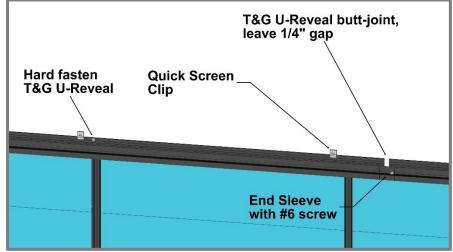
Install T&G U-Reveal at the Panelized width locking it into the tongue of the Planks.

▲ Do Not use fasteners or Quick-Screen Clips on Planks which engage with the groove side of the T&G U-Reveal.

Fasten T&G U-Reveal with Quick Screen Clips and fasteners every 32" O.C. Hard fasten near the center of each T&G U-Reveal length. Where using multiple lengths of T&G U-Reveal, leave a 1/4" gap between butt-joints for thermal movement.

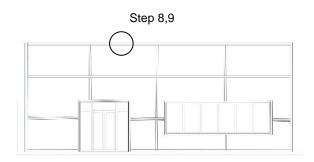
- Where using the Craftsman T&G U-Reveal (3/4"), install the included Craftsman End Sleeve to cover the ¼" buttjoints. Use a small amount of structural silicone on a single side of the End Sleeve, leaving the opposite side dry and free to expand and contract.
- Where using the Traditional T&G U-Reveal (1-1/2"), install the included Traditional End Sleeve to cover the opposite side, free to expand and contract.

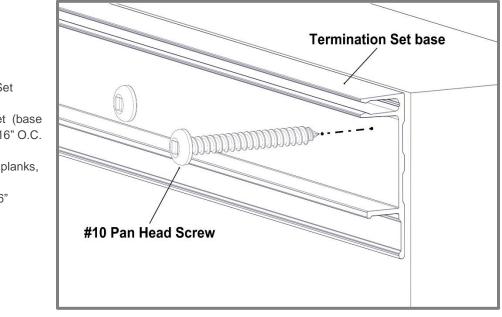


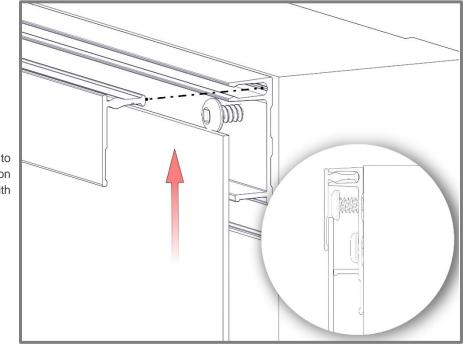


Step 7 – Next sections

Repeat install steps 4-6. Install Compression Joints at floor elevations or anywhere else required by local building authority.







Step 8 – Termination Set

Install Termination Set (base only), fastening every 16" O.C.

Where terminating cut planks, provide a positive stop approximately every 16" (406mm).



Rip the last Plank, cutting it to width to suit the installation area(s). Install edge plank with a 1/4" gap and screw to lock the plank into place.

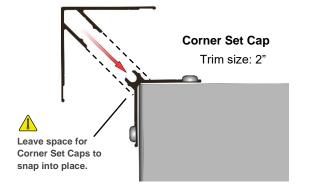


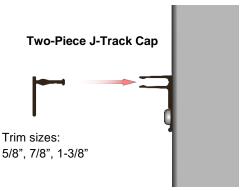
Finishing Steps - Once planks are installed, finish off the perimeter trims with caps from two-piece sets.

Component Caps

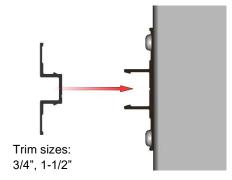
Location: Details: Installed onto the base of the two-piece sets.

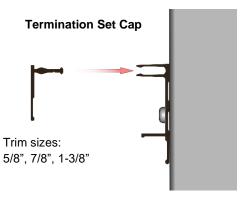
If required, use a rubber mallet or hammer and block to protect the finish during this process. Confirm Caps cover Planks with sufficient room for expansion and contraction.





U-Reveal Set Cap





Details

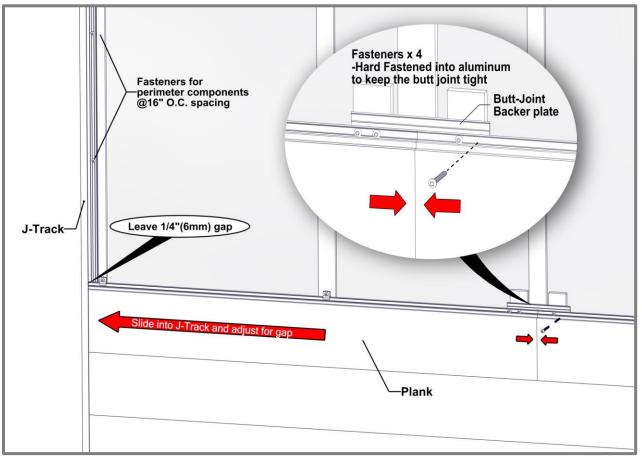
Single Butt-Joints

- Consider using butt-joints along runs to minimize waste.
- A When installing staggered butt-joints, use the Butt-Joint Fastening Kit to ensure joints do not open up (See Detail A & B).

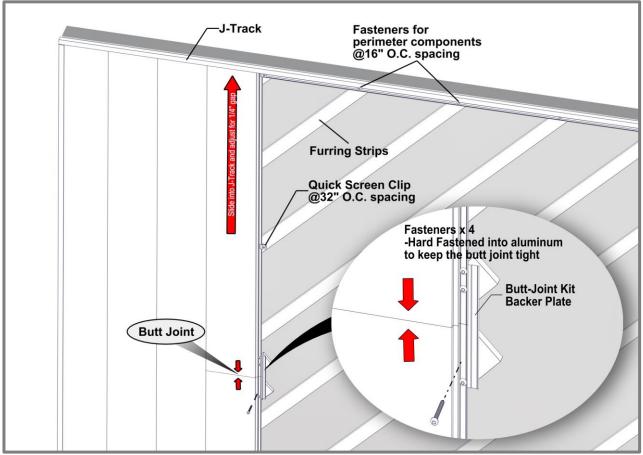
Fasteners should be placed at the uppermost location of the plank flange, to not interfere with the next plank engaging the tongue and groove properly. At the butt-joint, fasteners should be anchored into the Butt-Joint backer plate.

(See Detail C)

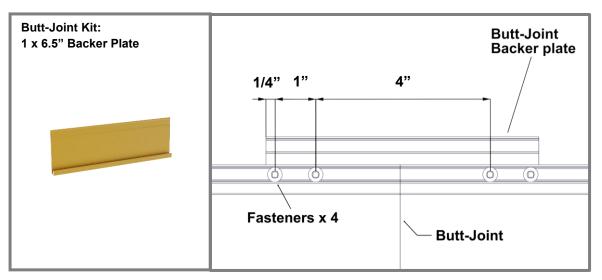
- Rivets can be used for single butt-joints, however clearance of the rivets and room for movement is required.
- On exposed cuts such as butt-joints, trim ends or similar, use touch-up paint pens (purchased separately) to finish the ends of the two (2) planks at the butt-joint.
- DO NOT hard-fasten 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 at the butt-joint or the center of each plank run.



Detail A -Horizontal Cladding



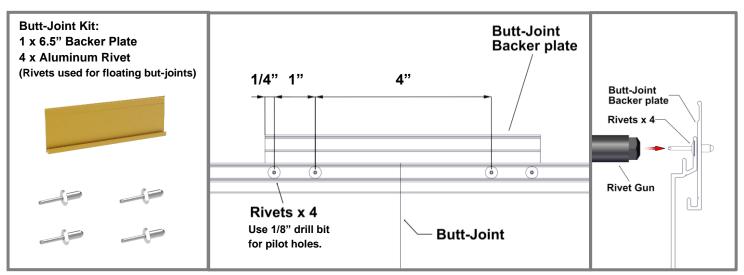
Detail B -Vertical Cladding



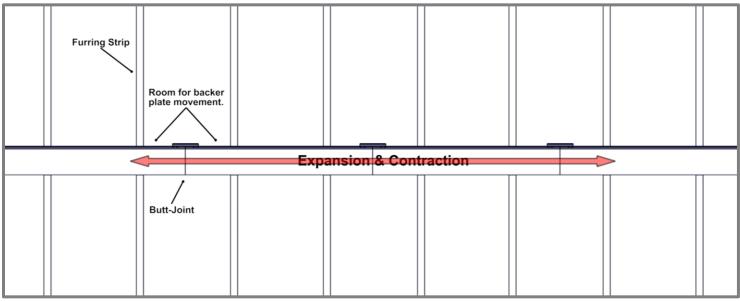


Multiple Floating Butt-Joints

- A When installing staggered multiple floating butt-joints, use the Butt-Joint Fastening Kit to ensure joints do not open up. Rivets should be placed at the center of the plank flange, to not interfere with the next plank engaging the tongue and groove properly. (See Detail D)
- MUST HAVE furring strips or girts to allow room for movement.
- Recommended to be installed between furring strips or framing members to avoid contact which would restrict movement. (See Detail E)
- On exposed cuts such as butt-joints, trim ends or similar, use touch-up paint pens (purchased separately) to finish the ends of the two (2) planks at the butt-joint.
- DO NOT hard-fasten a plank to a component trim, as this will restrict its ability to expand & contract into the component.
- DO NOT hard-fasten more than one (1) location per multiple plank run.
- Hard fasten near the center of the multiple plank run.



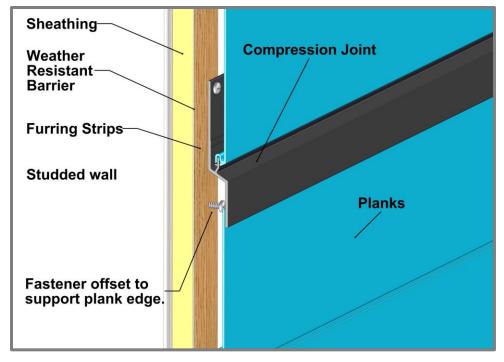
Detail D -Floating Butt-Joint



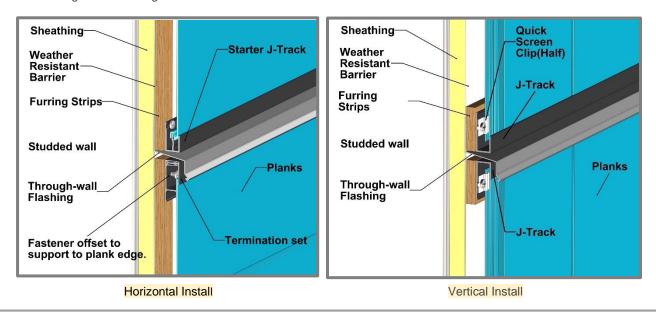
Detail E -Butt-Joint Movement

Floor elevation

Compression Joint



| Floor elevation | |
|-----------------|--|
| Туре: | Compression Joint, Termination set/Starter J-Track, J-Track back-to-back. |
| Location: | Typically, at every floor elevation and where through-wall flashing is required. |
| Details: | Note the orientation of planks for through-wall flashing install. |



Through-wall Flashing

Appendix

Expansion and Contraction Tables

| BL | E 1 - IN | IPERIAL | | | AVERA | | RATURE A | T TIME OF | CUTTING | & INSTALL | ATION | | |
|--------------------|--|--|---|---|---|---|---|---|---|--|---|---|---|
| | | °C | -50 | -40 | -30 | -20 | -10 | 0 | 10 | 20 | 30 | 40 | 50 |
| | | °F | -58 | -40 | -22 | -4 | 14 | 32 | 50 | 68 | 86 | 104 | 122 |
| <u>.</u> | °C | ۴F | | | | EXPAN | ISION OR C | ONTRACT | ION (INCH/ | FOOT) | | | |
| CONSTRUCTION TEMP. | -50 | -58 | 0.000 | -0.003 | -0.005 | -0.008 | -0.011 | -0.014 | -0.016 | -0.019 | -0.022 | -0.024 | -0.027 |
| L | -40 | -40 | 0.003 | 0.000 | -0.003 | -0.005 | -0.008 | -0.011 | -0.014 | -0.016 | -0.019 | -0.022 | -0.024 |
| E | -30 | -22 | 0.005 | 0.003 | 0.000 | -0.003 | -0.005 | -0.008 | -0.011 | -0.014 | -0.016 | -0.019 | -0.022 |
| 2 2 | -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 |
| 00 | 0 | 32 | 0.014 | 0.011 | 0.008 | 0.005 | 0.003 | 0.000 | -0.003 | -0.005 | -0.008 | -0.011 | -0.014 |
| | 10 | 50 | 0.016 | 0.014 | 0.011 | 0.008 | 0.005 | 0.003 | 0.000 | -0.003 | -0.005 | -0.008 | -0.011 |
| 2 | 20 | 68 | 0.019 | 0.016 | 0.014 | 0.011 | 0.008 | 0.005 | 0.003 | 0.000 | -0.003 | -0.005 | -0.008 |
| A | 30 | 86 | 0.022 | 0.019 | 0.016 | 0.014 | 0.011 | 0.008 | 0.005 | 0.003 | 0.000 | -0.003 | -0.005 |
| 2 | 40 | 104 | 0.024 | 0.022 | 0.019 | 0.016 | 0.014 | 0.011 | 0.008 | 0.005 | 0.003 | 0.000 | -0.003 |
| z | | 104 | 0.024 | | | | | | | | | | |
| | 50 | 122 | 0.027 | 0.024 | 0.022 | 0.019 | 0.016 | 0.014 | 0.011 | 0.008 | 0.005 | 0.003 | 0.000 |
| BL BL | 50 | 122 | 0.027 | 0.024 | AVERA | | RATURE A | T TIME OF | CUTTING | & INSTALL | ATION | | |
| | 50 | 122 ETRIC | 0.027 | 0.024 -40 | AVERA -30 | GE TEMPE | RATURE A | T TIME OF | | & INSTALL 20 | ATION 30 | 0.003 | 50 |
| | 50 | 122 | 0.027 | 0.024 | AVERA | | RATURE A | T TIME OF | CUTTING | & INSTALL | ATION | | |
| BL | 50 | 122 ETRIC | 0.027 | 0.024 -40 | AVERA -30 | GE TEMPE -20 -4 | RATURE A -10 14 | T TIME OF 0 32 | CUTTING | & INSTALL 20 68 | ATION 30 | 40 | 50 |
| BL | 50 E 2 - M | 122 ETRIC °C °F | 0.027 | 0.024 -40 | AVERA -30 | GE TEMPE -20 -4 | RATURE A -10 14 | T TIME OF 0 32 | CUTTING 10 50 | & INSTALL 20 68 | ATION 30 | 40 | 50 |
| BL | 50 E 2 - M °C | 122 IETRIC °C °F | -50 -58 | -40 -40 | AVERA -30 -22 | GE TEMPE -20 -4 EXPAN | RATURE A -10 14 SION OR C | T TIME OF 0 32 ONTRACTI | CUTTING 10 50 ON (MM/M | & INSTALL 20 68 1ETER) | ATION 30 86 | <u>40</u> 104 | 50 122 -2.300 |
| BL | 50 E 2 - M ° C -50 | 122 ETRIC °C °F •F -58 | 0.027 -50 -58 0.000 | -40 -40 -0.230 | AVERA -30 -22 -0.460 | GE TEMPE -20 -4 EXPAN -0.690 | RATURE A -10 14 SION OR C -0.920 | T TIME OF 0 32 ONTRACTI -1.150 | CUTTING 10 50 ON (MM/N -1.380 | & INSTALL 20 68 1ETER) -1.610 | ATION 30 86 -1.840 | 40 104 -2.070 | 50 122 -2.300 -2.070 |
| BL | 50 E 2 - M ° C -50 -40 | 122 ETRIC °C °F -58 -40 | 0.027 -50 -58 0.000 0.230 | -40 -40 -0.230 0.000 | AVERA -30 -22 -0.460 -0.230 | GE TEMPE -20 -4 EXPAN -0.690 -0.460 | RATURE A -10 14 ISION OR C -0.920 -0.690 | T TIME OF 0 32 0NTRACTI -1.150 -0.920 | CUTTING 0 10 50 ON (MM/M -1.380 -1.150 | & INSTALL 20 68 IETER) -1.610 -1.380 | ATION 30 86 -1.840 -1.610 | 40 104 -2.070 -1.840 | 50 122 -2.300 -2.070 -1.840 |
| BL | 50 E 2 - M ■ C -50 -40 -30 | 122 ETRIC °C °F -58 -40 -22 | 0.027 -50 -58 0.000 0.230 0.460 | 0.024 -40 -40 -0.230 0.000 0.230 | AVERA -30 -22 -0.460 -0.230 0.000 | GE TEMPE -20 -4 EXPAN -0.690 -0.460 -0.230 | RATURE A -10 14 ISION OR C -0.920 -0.690 -0.460 | T TIME OF 0 32 ONTRACTI -1.150 -0.920 -0.690 | CUTTING 10 50 ON (MM/N -1.380 -1.150 -0.920 | & INSTALL 20 68 IETER) -1.610 -1.380 -1.150 | ATION 30 86 -1.840 -1.610 -1.380 | 40 104 -2.070 -1.840 -1.610 | 50 122 |
| BL | 50 E 2 - M € -50 -40 -30 -20 | 122 ETRIC [°] C [°] F -58 -40 -22 -4 | 0.027 -50 -58 0.000 0.230 0.460 0.690 | -40 -40 -0.230 0.000 0.230 0.460 | AVERA -30 -22 -0.460 -0.230 0.000 0.230 | GE TEMPE -20 -4 EXPAN -0.690 -0.460 -0.230 0.000 | RATURE A -10 14 ISION OR C -0.920 -0.690 -0.460 -0.230 | T TIME OF 0 32 0NTRACTI -1.150 -0.920 -0.690 -0.460 | CUTTING 10 50 ON (MM/N -1.380 -1.150 -0.920 -0.690 | & INSTALL 20 68 1ETER) -1.610 -1.380 -1.150 -0.920 | ATION 30 86 -1.840 -1.610 -1.380 -1.150 | 40 104 -2.070 -1.840 -1.610 -1.380 | 50 122 -2.300 -2.070 -1.840 -1.610 -1.380 |
| BL | 50 E 2 - M C -50 -40 -30 -20 -10 | 122 ETRIC [°] C [°] F -58 -40 -22 -4 14 | 0.027 -50 -58 0.000 0.230 0.460 0.690 0.920 | 0.024 -40 -40 -0.230 0.000 0.230 0.460 0.690 | AVERA -30 -22 -0.460 -0.230 0.000 0.230 0.460 | GE TEMPE -20 -4 EXPAN -0.690 -0.460 -0.230 0.000 0.230 | RATURE A -10 14 SION OR C -0.920 -0.690 -0.460 -0.230 0.000 | T TIME OF 0 32 0NTRACTI -1.150 -0.920 -0.690 -0.460 -0.230 | CUTTING 10 50 ON (MM/M -1.380 -1.150 -0.920 -0.690 -0.460 | & INSTALL 20 68 (ETER) -1.610 -1.380 -1.150 -0.920 -0.690 | ATION 30 86 -1.840 -1.610 -1.380 -1.150 -0.920 | 40 104 -2.070 -1.840 -1.610 -1.380 -1.150 | 50 122 -2.300 -2.070 -1.840 -1.610 |
| BL | 50 E 2 - M C -50 -40 -30 -20 -10 0 | 122 ETRIC °C °F -58 -40 -22 -4 14 32 | 0.027 -50 -58 0.000 0.230 0.460 0.690 0.920 1.150 | 0.024 -40 -40 -0.230 0.000 0.230 0.460 0.690 0.920 | AVERA -30 -22 -0.460 -0.230 0.000 0.230 0.460 0.690 | GE TEMPE -20 -4 EXPAN -0.690 -0.460 -0.230 0.000 0.230 0.460 | RATURE A -10 14 SION OR C -0.920 -0.690 -0.460 -0.230 0.000 0.230 | T TIME OF 0 32 0NTRACTI -1.150 -0.920 -0.690 -0.460 -0.230 0.000 | CUTTING 0 10 50 ON (MM/M -1.380 -1.150 -0.920 -0.690 -0.460 -0.230 | & INSTALL 20 68 (ETER) -1.610 -1.380 -1.150 -0.920 -0.690 -0.460 | ATION 30 86 -1.840 -1.610 -1.380 -1.150 -0.920 -0.690 | 40 104 -2.070 -1.840 -1.610 -1.380 -1.150 -0.920 | 50 122 -2.300 -2.070 -1.840 -1.610 -1.380 -1.150 |
| BL | 50 E 2 - M -50 -40 -30 -20 -10 0 10 | 122 ETRIC °C °F -58 -40 -22 -4 14 32 50 | 0.027 -50 -58 0.000 0.230 0.460 0.690 0.920 1.150 1.380 | 0.024 -40 -0.230 0.000 0.230 0.460 0.690 0.920 1.150 | AVERA -30 -22 -0.460 -0.230 0.000 0.230 0.460 0.690 0.920 | GE TEMPE -20 -4 EXPAN -0.690 -0.460 -0.230 0.000 0.230 0.460 0.690 | RATURE A -10 14 SION OR C -0.920 -0.690 -0.460 -0.230 0.000 0.230 0.460 | T TIME OF 0 32 0NTRACTI -1.150 -0.920 -0.690 -0.460 -0.230 0.000 0.230 | CUTTING 10 50 ON (MM/M -1.380 -1.150 -0.920 -0.690 -0.460 -0.230 0.000 | & INSTALL 20 68 (ETER) -1.610 -1.380 -1.150 -0.920 -0.690 -0.460 -0.230 | ATION 30 86 -1.840 -1.610 -1.380 -1.150 -0.920 -0.690 -0.460 | 40 104 -2.070 -1.840 -1.610 -1.380 -1.150 -0.920 -0.690 | 50 122 -2.300 -2.070 -1.840 -1.610 -1.380 -1.150 -0.920 -0.690 |
| | 50 E 2 - M [°] C -50 -40 -30 -20 -10 0 10 20 | 122 °C °F -58 -40 -22 -4 14 32 50 68 | 0.027 -50 -58 0.000 0.230 0.460 0.690 0.920 1.150 1.380 1.610 | -40 -40 -0.230 0.000 0.230 0.460 0.690 0.920 1.150 1.380 | AVERA -30 -22 -0.460 -0.230 0.000 0.230 0.460 0.690 0.920 1.150 | GE TEMPE -20 -4 EXPAN -0.690 -0.460 -0.230 0.000 0.230 0.460 0.690 0.920 | RATURE A -10 14 SION OR C -0.920 -0.690 -0.460 -0.230 0.000 0.230 0.460 0.690 | T TIME OF 0 32 ONTRACTI -1.150 -0.920 -0.690 -0.460 -0.230 0.000 0.230 0.460 | CUTTING 10 50 ON (MM/N -1.380 -1.150 -0.920 -0.690 -0.460 -0.230 0.000 0.230 | & INSTALL 20 68 (ETER) -1.610 -1.380 -1.150 -0.920 -0.690 -0.460 -0.230 0.000 | ATION 30 86 -1.840 -1.610 -1.380 -1.150 -0.920 -0.690 -0.460 -0.230 | 40 104 -2.070 -1.840 -1.610 -1.380 -1.150 -0.920 -0.690 -0.460 | 50 122 -2.300 -2.070 -1.840 -1.610 -1.380 -1.150 -0.920 |

Table 3 - Fastener to Structure

| | | | FASI | ENEF | | | | E SPA | | - VVIIN | DLOA | AD |
|---|---|--|---|--|--|--|--|---|---|---|---|--|
| T&G PLANKS | | | | | | PSF (Fa | ctored / | Ultimate) |) | 1 | | |
| | | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | 110 | 120 |
| | 16" | | | | | | | | | | | |
| QUICK-SCREEN CLIP SPACING (IN) | 24" | | | | | | | | | | | |
| | 32" | | | | | | | | | | | |
| Plank Profiles: V-Groo∨e (2 | -1/2". 4". | : 6"). Smoo | : oth (6"), C | : hannel (6 | : 5"). Lap S | : idina (6"). | : . Board & | : Batten Si | : dina (7") | : | | : |
| X | , , | ,, | <i>()</i> | | | | · | Ultimate) | | | | |
| TRIM COMPONEN | ITS* | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | 110 | 120 |
| | 16" | | | | | | | | | | | |
| Soffit direct to truss | 24" | | | | | | | | | | | |
| | | | | | | 4.0.1 | | | | | | |
| *Starter Strip requires Two | (2) instan | ation and | nors at ea | ion laster | ier iocatic | in. T Quic | k-Screen | | | using L/18 | | ion lin |
| SUBSTRATE TYPE | s | JBSTRA | LE REQU | IREMEN | тѕ | АNCHO | R DESCI | RIPTION | MI | N. DMENT | MIN. I | EDGE |
| WOOD | , I | Min. specif | ic gravity = | : 0.55 woo | d | #10 F | Pan Head | Screw | | /2" | | 4" |
| STEEL | | Min. 1 | 8 ga., min. | 33 ksi. | | #10 Te | k Screw (g | rade 5) | 3 thr penetrat metal s | | 1, | 2" |
| | | | | | | | | | | avene | | |
| CONCRETE** | | N | 1in. 3000 p | si | | | 011 IT) A / T | | 1 | • | 1 | " |
| MASONRY - CMU** **For Concrete and Masonr <u>GENERAL NOTES:</u> 1. Adequacy of the structural st | ry/CMU; F tud framing | led block p Furring St g (wood an | per ASTM (rips are re d/or metal) | C-90, min. ecommen) and conc | ded, whe | re possibl | ain wind fo | rce resiting | 1 system ci | " apable of w | vithstandin | 2" |
| MASONRY - CMU** **For Concrete and Masonr <u>GENERAL NOTES:</u> 1. Adequacy of the structural st transferring applied product loz 2. Substrate shall be designed architect of record for the proje 3. The installation details descr from the requirements detailed 4. An unfactored dead load of f <u>INSTALLATION NOTES:</u> 1. One (1) installation anchor is | y/CMU; F ry/CMU; F and anchc and anchc ct of instal ihed hereii herein, a I 1.5 psf was s required a | Ied block p Furring St oundation ored to pro lation. n are gene licensed er s assumed | d/or metal is the resp perly trans ric and ma ngineer or i for the cla | C-90, min. ecommen) and conc onsibilty o fer all load fer all load sy not refle architect s dding. | ded, whe rete/masoi f the engin s to the str ct actual c hall prepar | re possib nry as a m eer or arch ucture buc onditions fo e site spec | le ain wind fo litect of red k design a br a specifi ific docum | rce resiting ord for the nd installat c site. If sit ents for us | system ca project of ion is the r e conditior e with this | " apable of w installatior responsibili | vithstandin I. ty of the er Istallation t | g and ngineer |
| MASONRY - CMU** **For Concrete and Masonr <u>GENERAL NOTES:</u> 1. Adequacy of the structural st transferring applied product loa 2. Substrate shall be designed architect of record for the proje 3. The installation details descr from the requirements detailed 4. An unfactored dead load of f <u>INSTALLATION NOTES</u> : | tud framing ads to the f and ancho ct of instal ribed hereii herein, a l 1.5 psf was s required a | Ied block p Furring St g (wood an oundation ored to pro lation. n are gene licensed er s assumed at each Qu center. | d/or metal is the resp perly trans oric and ma ngineer or a for the cla | C-90, min. ecommen oand conco oonsibilty o fer all load ay not refle architect s dding. | ded, whe rete/masou f the engin s to the str ct actual c hall prepar ion. Minim | re possibl nry as a m eer or arch ucture buc onditions fo e site spec um of two | le ain wind fc litect of red k design a or a specifi ific docum (2) anchor | rce resiting ord for the nd installat c site. If sit ents for us s per plank | I system ci project of ion is the r e conditior e with this | " apable of w installatior responsibili | vithstandin I. ty of the er Istallation t | g and |
| MASONRY - CMU** **For Concrete and Masonr GENERAL NOTES: 1. Adequacy of the structural si transferring applied product loz 2. Substrate shall be designed architect of record for the proje 3. The installation details descr from the requirements detailed 4. An unfactored dead load of 1 INSTALLATION NOTES: 1. One (1) installation anchor is 2. Spacing is from clip/fastener | y/CMU; F ry/CMU; F and anchc sto the f and anchc ct of instal ribed hereii herein, a l herein, a l 1.5 psf was s required a r center to nchors per | Ied block p Furring St g (wood an oundation ored to pro lation. n are gene licensed er s assumed at each Qu center. the table i | d/or metal is the resp perly trans oric and man ngineer or a for the cla lick-Screer s the minir | C-90, min. ecommen onsibility o fer all load ay not refle architect s dding. n Clip locat | ded, whe rete/masou f the engin s to the str ct actual c hall prepar ion. Minim | re possibl nry as a m eer or arch ucture buc onditions fo e site spec um of two ors to be u | le ain wind fo litect of rea k design a or a specifi ific docum (2) anchor (2) anchor | rce resiting cord for the nd installat c site. If sit ents for us s per plank | I system ci project of ion is the I e conditior e with this | apable of v installatior responsibili ns cause in document. | vithstandin I. ty of the er | g and ngineer |
| MASONRY - CMU** **For Concrete and Masonr <u>GENERAL NOTES:</u> 1. Adequacy of the structural st transferring applied product loz 2. Substrate shall be designed architect of record for the proje 3. The installation details descr from the requirements detailed 4. An unfactored dead load of 1 <u>INSTALLATION NOTES:</u> 1. One (1) installation anchor is 2. Spacing is from clip/fastener 3. The number of installation and 4. Install individual installation and the next. 5. If fastening to every second | tud framing ads to the f and anche et of instal ineein, a I 1.5 psf was s required a r center to nechors per anchors wi stud, the a | Ied block p Furring St oundation ored to pro lation. n are gene licensed er s assumed at each Qu center. the table i thin a toler thachment | d/or metal is the resp perly trans oric and ma ngineer or for the cla ick-Screer s the minir rance of +/ stud shall | C-90, min. c-90, min. commen onsibility o fer all load y not refle architect s dding. n Clip local num numb - 1/2" of th be stagge | ded, whe rete/masoi f the engin s to the str ct actual c hall prepar ion. Minim er of anch e specifiec red betwee | re possibl ny as a m eer or arch ucture buc onditions fo e site spec um of two ors to be u spacings. en adjacent | le ain wind fo litect of rec k design a or a specifi ific docum (2) anchor (2) anchor (2) anchor Tolerance t runs of cl | rce resiting cord for the nd installat c site. If sit ents for us s per plank duct install s are not co adding. | y system ci project of ion is the r e conditior e with this with this | * installatior responsibil rs cause in document. | vithstandin ty of the er istallation t | g and ngineer o devia |
| MASONRY - CMU** **For Concrete and Masonr GENERAL NOTES: 1. Adequacy of the structural st transferring applied product loz 2. Substrate shall be designed architect of record for the proje from the requirements detailed 4. An unfactored dead load of f INSTALLATION NOTES: 1. One (1) installation anchor is 2. Spacing is from clip/fastener 3. The number of installation and 4. Install individual installation at the next. 5. If fastening to every second 6. Minimum embedment and er siding. | tud framing ads to the f and anche isted of instal ribed hereii herein, al 1.5 psf was s required a r center to nchors per anchors wi stud, the a dge distan | Ied block p Furring St g (wood an oundation ored to pro lation. n are gene licensed ers s assumed at each Qu center. the table i thin a toler that a color that a color | wer ASTM (rips are re- rips are re- rips are re- sithe resp perly trans ric and ma rgineer or - ric and ma rgineer or - for the cla sthe minir ance of +/ stud shall wall finish | C-90, min. ecommen onsibility o fer all load ry not refle architect s dding. n Clip local num numb - 1/2" of th be stagge es, includi | ded, whe rete/masoi f the engin s to the str ct actual co- hall prepar tion. Minim er of anch e specifiec red betwee ng but not | re possibl my as a mi eer or arch ucture buc onditions fo e site spec um of two ors to be u spacings. en adjacent limited to v | le ain wind fo itect of rev k design a or a specifi ific docum (2) anchor (2) anchor (2) anchor count (2) anchor truns of cl vood furrir | rce resiting ord for the nd installat c site. If sit ents for us s per plank duct install s are not ci adding. gs, stucco, | y system cr project of ion is the r e conditior e with this with this umulative f foam, brid | apable of v installatior responsibil is cause in document from one ir :k veneer, : | vithstandin t. ty of the er istallation t | g and ngineer o devia anchor |
| MASONRY - CMU** **For Concrete and Masonr GENERAL NOTES: 1. Adequacy of the structural si transferring applied product loz 2. Substrate shall be designed architect of record for the proje 3. The installation details descr from the requirements detailed 4. An unfactored dead load of 1 INSTALLATION NOTES: 1. One (1) installation anchor is 2. Spacing is from clip/fastener 3. The number of installation at the next. 5. If fastening to every second 6. Minimum embedment and e siding. 7. Installation anchors and assi can be equal or better to a & b | tud framing ads to the f and ancho ct of instal ribed hereii herein, a l 1.5 psf was s required a r center to nchors per anchors wi stud, the a dge distan ociated ha listed belo | Ied block p Furring St g (wood an oundation ored to pro lation. n are gene licensed er s assumed at each Qu center. the table i thin a toler thachment ce exclude rdware mu w: | wer ASTM (rips are re d/or metal) is the resp perly trans oric and ma ngineer or for the cla ick-Screer s the minir ance of +/ stud shall e wall finish ist be made | C-90, min. ecommen onsibility o fer all load ry not refle architect s dding. n Clip local num numb - 1/2" of th be stagge es, includi | ded, whe rete/masoi f the engin s to the str ct actual co- hall prepar tion. Minim er of anch e specifiec red betwee ng but not | re possibl my as a mi eer or arch ucture buc onditions fo e site spec um of two ors to be u spacings. en adjacent limited to v | le ain wind fo itect of rev k design a or a specifi ific docum (2) anchor (2) anchor (2) anchor count (2) anchor truns of cl vood furrir | rce resiting ord for the nd installat c site. If sit ents for us s per plank duct install s are not ci adding. gs, stucco, | y system cr project of ion is the r e conditior e with this with this umulative f foam, brid | apable of v installatior responsibil is cause in document from one ir :k veneer, : | vithstandin t. ty of the er istallation t | g and ngineer to devia anchor |
| MASONRY - CMU** **For Concrete and Masonr GENERAL NOTES: 1. Adequacy of the structural si transferring applied product loz 2. Substrate shall be designed architect of record for the proje 3. The installation details descr from the requirements detailed 4. An unfactored dead load of 1 INSTALLATION NOTES: 1. One (1) installation anchor is 2. Spacing is from clip/fastener 3. The number of installation at the next. 5. If fastening to every second 6. Minimum embedment and en- siding. 7. Installation anchors and assi | Lud framing ads to the f and anche to of instal inbed herein, a l 1.5 psf was s required a r center to nchors per anchors wi stud, the a dge distan ociated ha listed belo | eld block p Furring St G (wood an oundation ored to pro lation. n are gene licensed er s assumed at each Qu center. the table i thin a toler that a | d/or metal is the resp perly trans oric and man gineer or a for the cla iick-Screer s the minin rance of +/ stud shall wall finish ist be made ate zones | 2-90, min. ecommen onsibility o fer all load y not refle architect s dding. n Clip local num numb - 1/2" of th be stagge es, includi e of corros | ded, whe rete/masoi f the engin s to the str ct actual co- hall prepar tion. Minim er of anch e specifiec red betwee ng but not | re possibl my as a mi eer or arch ucture buc onditions fo e site spec um of two ors to be u spacings. en adjacent limited to v | le ain wind fo itect of rev k design a or a specifi ific docum (2) anchor (2) anchor (2) anchor count (2) anchor truns of cl vood furrir | rce resiting ord for the nd installat c site. If sit ents for us s per plank duct install s are not ci adding. gs, stucco, | y system cr project of ion is the r e conditior e with this with this umulative f foam, brid | apable of v installatior responsibil is cause in document from one ir ck veneer, : | vithstandin t. ty of the er istallation t | g and ngineer o devia anchor |
| MASONRY - CMU** **For Concrete and Masonr GENERAL NOTES: 1. Adequacy of the structural st transferring applied product loa 2. Substrate shall be designed architect of record for the proje 3. The installation details descr from the requirements detailed 4. An unfactored dead load of 1 INSTALLATION NOTES: 1. One (1) installation anchor is 2. Spacing is from clip/fastener 3. The number of installation at the next. 5. If fastening to every second 6. Minimum embedment and es isding. 7. Installation anchors and asse can be equal or better to a & b a. Zinc plated fastener | ry/CMU; F ry/CMU; F and anche ct of instal ibed herein, a I 1.5 psf was s required a r center to nechors per anchors wi stud, the a dge distan ociated ha listed belo ers for moo al fasteners | Ied block p Furring St g (wood an oundation ored to pro lation. n are gene is assumed at each Qu center. the table i thin a toler thin a toler thin a toler tachment ce exclude rdware mu w: for coasts | wer ASTM (rips are re- d/or metal) is the resp perly trans ric and ma gineer or : for the cla nick-Screer s the minir ance of +/ stud shall wall finish st be made ate zones al climate z | 90, min. 90, min. | ded, whe rete/masoi f the engin s to the str ct actual cc hall prepar ion. Minim er of anch e specifiec red betwee ng but not ion resista | re possibl ny as a m eer or arch ucture buc onditions fo e site spec um of two ors to be u spacings. en adjacent limited to v nt material | le ain wind fo litect of rec k design a or a specifi ific docum (2) anchor (2) anchor (2) anchor (2) anchor (2) anchor Tolerance truns of cl vood furrir or have a | rce resiting cord for the nd installat c site. If sit ents for us s per plank duct install s are not cr adding. gs, stucco, corrosion r | system cr project of ion is the r e conditior e with this with this aunulative r foam, brid esistant co | apable of v installatior responsibil document. from one ir sk veneer, : pating. Cor | vithstandin ty of the er istallation t istallation sheathing | g and ngineer o devia anchor and ener typ |

| | | | FAST | ENER | то w | DOD S | HEATH | HING S | | IG - W | 'IND LO | DAD |
|--|---|---|--|---|---|--|--|--|---|--|--|---|
| | | | | | | PSF (Fa | ctored / l | Jltimate) | | | | |
| 2-1/2" PLANKS | 5 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | 110 | 120 |
| | 24" | | | | | | | | | | | |
| QUICK-SCREEN CLIP | 24 | | | | | | | | | | | |
| SPACING (IN) | 0.011 | | | | | | | | | | | |
| | 32" | | | | | | | | | | | |
| Plank Profile: 2-1/2" V-Groo | ve | | | | | | | | | | | |
| | | | | | | | ictored / l | litimate) | | | | |
| TRIM COMPONEN | NTS* | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | 110 | 120 |
| | 16" | 20 | 50 | 40 | 50 | 00 | 70 | 00 | 30 | 100 | 110 | 120 |
| *Charles Chris | | | | | |) Niels Come | | Mid Daint | | | | |
| *Starter Strip requires Two (| 2) Installati | on ancnor | s at each i | astener Io | cation: 1 G | uick-Scree | en Clip + 1 | | | | | |
| | | | | | | | | Ca | lculations | are using | L/60 defle | ction lin |
| SUBSTRATE TYPE | SUBS | TRATE R | EQUIREM | IENTS | | HOR | MIN. S | CREW | | IN. | | EDGE |
| 00001101121112 | | | EGOITEN | EITIO | | RIPTION | LEN | GTH | EMBE | DMENT | DIST | ANCE |
| 7/16" OSB/PLYWOOD | AP | A rated she | athing or be | | #10 Pan H | | | | | | | |
| <u>GENERAL NOTES:</u> 1. Substrate shall be designed a | and anchore | | | | Sc | rew | | ation is the | I | 16" y of the eng | | 1" chitect of |
| GENERAL NOTES: 1. Substrate shall be designed a record for the project of installat 2. The installation details descri requirements detailed herein, a 3. An unfactored dead load of 1 | and anchore tion. ibed herein a licensed eng | d to proper are generic gineer or ar | ly transfer a and may no chitect shal | II loads to th t reflect act I prepare sit | Sc ne structure ual condition | rew buck desigr ns for a spec | n and install | ation is the | responsibili ns cause in | y of the eng | jineer or arc | chitect of |
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| GENERAL NOTES: 1. Substrate shall be designed a record for the project of installat 2. The installation details descri- requirements detailed herein, a 3. An unfactored dead load of 1 INSTALLATION NOTES: 1. One (1) installation anchor is 2. Spacing is from clip/fastener 3. The number of installation an 4. Install individual installation a 5. Installation anchors and assoc | and anchore tion. libed herein a licensed enq .5 psf was a required at o center to cen hohors per th anchors withi | d to proper are generic gineer or ar ssumed for each Quick nter. e table is th n a tolerand | ly transfer a and may no chitect shai the claddin -Screen Clip ne minimum ce of +/- 1/2 | II loads to th t reflect act I prepare sit g. D location. N number of " of the spe | Sc ne structure ual conditioi e specific d Alinimum of I anchors to t | rew buck desigr ns for a spec ocuments fo two (2) anch be used for p ngs. Toleran | and install cific site. If s r use with t ors per plai product inst ces are not | ation is the site condition his document nk. allation. cumulative | responsibili ns cause in nt. | y of the eng stallation to | jineer or arc deviate froi nchor to the | n the next. |
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| GENERAL NOTES: 1. Substrate shall be designed a record for the project of installat 2. The installation details descri requirements detailed herein, a 3. An unfactored dead load of 1 INSTALLATION NOTES: 1. One (1) installation anchor is 2. Spacing is from clip/fastener 3. The number of installation an 4. Install individual installation a 5. Installation anchors and asso better to a & b listed below: a. Zinc plated fasten | and anchore tion. ibed herein a licensed en; .5 psf was a required at o center to center to center to center to center to center to center to center to center to cent | d to proper ine generic gineer or ar ssumed for each Quick nter. e table is th n a tolerand ware must b inate climate for coastal ccordance | ly transfer a and may no chitect shai the claddin -Screen Clip ne minimum ce of +/- 1/2 be made of of e zones climate zone with anchor | II loads to th t reflect act prepare sit g. b location. N number of " of the spe corrosion re | Sc ne structure ual condition e specific d Ainimum of i anchors to t cified spaci sistant mate | rew buck desigr ns for a spec ocuments fo two (2) anch two (2) anch be used for p ngs. Toleran erial or have | n and install cific site. If s r use with t nors per plan product inst ces are not a corrosior | ation is the site condition his document nk. allation. cumulative n resistant co | l responsibili ns cause in nt. from one ir oating. Con | y of the eng stallation to stallation ar inmon faster | ineer or and deviate froi nchor to the ner types ca | hitect of n the next. n be equ |
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| GENERAL NOTES: 1. Substrate shall be designed a record for the project of installat 2. The installation details descri- requirements detailed herein, a 3. An unfactored dead load of 1 INSTALLATION NOTES: 1. One (1) installation anchor is 2. Spacing is from clip/fastener 3. The number of installation an 4. Install individual installation and 5. Installation anchors and asso better to a & b listed below: a. Zinc plated fasten b. 316 Stainless Ster 6. Installation anchors shall be i than the minimum strength spec- | and anchore tion. ibed herein a licensed eng. 5 psf was a required at o center to center to center to center to center to cons per th anchors within inclated hardw ers for mode el fasteners f installed in a cified by the | d to proper ine generic gineer or ar ssumed for each Quick nter. e table is th n a tolerand ware must b inate climate for coastal ccordance | ly transfer a and may no chitect shai the claddin -Screen Clip ne minimum ce of +/- 1/2 be made of of e zones climate zone with anchor | II loads to th t reflect act prepare sit g. b location. N number of " of the spe corrosion re | Sc ne structure ual condition e specific d Ainimum of i anchors to t cified spaci sistant mate | rew buck desigr ns for a spec ocuments fo two (2) anch two (2) anch be used for p ngs. Toleran erial or have | n and install cific site. If s r use with t nors per plan product inst ces are not a corrosior | ation is the site condition his document nk. allation. cumulative n resistant co | l responsibili ns cause in nt. from one ir oating. Con | y of the eng stallation to stallation ar inmon faster | ineer or and deviate froi nchor to the ner types ca | hitect of n the next. n be equ |
| GENERAL NOTES: 1. Substrate shall be designed a record for the project of installat 2. The installation details descri- requirements detailed herein, a 3. An unfactored dead load of 1 INSTALLATION NOTES: 1. One (1) installation anchor is 2. Spacing is from clip/fastener 3. The number of installation an 4. Install individual installation and 5. Installation anchors and asso better to a & b listed below: a. Zinc plated fasten b. 316 Stainless Ster 6. Installation anchors shall be i than the minimum strength spec- REFERENCED DATA: | and anchore tion. ibed herein a licensed eny. .5 psf was at required at of center to center to center to center to center to center to center to center to center to center to c | d to proper are generic gineer or ar ssumed for each Quick nter. e table is th n a tolerand ware must b crate climat for coastal ccordance anchor mai | ly transfer a and may no chitect shall the claddin -Screen Clip e minimum ce of +/- 1/2 be made of r e zones climate zone with anchor nufacturer. | II loads to th t reflect act prepare sit g. b location. N number of " of the spe- corrosion re es manufactur | Sc ne structure ual condition e specific d Ainimum of i anchors to t cified spaci sistant mate | rew buck desigr ns for a spec ocuments fo two (2) anch two (2) anch be used for p ngs. Toleran erial or have | n and install cific site. If s r use with t nors per plan product inst ces are not a corrosior | ation is the site condition his document nk. allation. cumulative n resistant co | l responsibili ns cause in nt. from one ir oating. Con | y of the eng stallation to stallation ar inmon faster | ineer or and deviate froi nchor to the ner types ca | hitect of n the next. n be equ |

Table 4 - Fastener to Sheathing (2-1/2" Planks)

| | RCHITECTURE | | FAST | ENER | 10 10 | DOD S | | | | | | |
|--|---|--|--|--|---|--|---|---|--|--|---|--|
| 4" PLANKS | | | | | | | ctored / I | | | | | |
| | | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | 110 | 120 |
| | 16" | | | | | | | | | | | |
| QUICK-SCREEN CLIP SPACING (IN) | 24" | | | | | | | | | | | |
| | 32" | | | | | | | | | | | |
| Plank Profile: 4" V-Groove | | | | | | | | | | | | |
| TRIM COMPONEN | TS* | | | | | PSF (Fa | ctored / I | Ultimate) | | | | |
| | | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | 110 | 120 |
| | 16" | | | | | | | | | | | |
| Starter Strip requires Two (2 | 2) installati | on anchor | s at each | fastener lo | cation: 1 C | Quick-Scree | en Clip + 1 | Mid-Point | slotted ho | le | | |
| | | | | | | | | Ca | lculations | are using i | L/60 deflea | tion limi |
| SUBSTRATE TYPE | | | | | | | MIN. S | CDDM | M | NI | | DOF |
| | | STRATE R | FOUREN | AENTS | ANC ANC | | INIII N. O | CREW | MI | | MIN. I | |
| JOBGINALETTE | SUBS | STRATE R | EQUIREN | IENTS | DESCR | RIPTION | | GTH | | N. DMENT | DIST | |
| 7/16" OSB/PLYWOOD | | A rated she | | | DESCR #10 Pan H | RIPTION | LEN | | | DMENT | DIST | |
| 7/16" OSB/PLYWOOD | | | | | DESCR #10 Pan H | RIPTION lead Wood | LEN | GTH | EMBEI | DMENT | DIST | ANCE |
| | AP | A rated she | athing or be | etter | DESCF #10 Pan H Sc | RIPTION lead Wood rew | | GTH " | EMBEI 7/* | DMENT | DIST/ 1 | ANCE " |
| 7/16" OSB/PLYWOOD <u>SENERAL NOTES:</u> 1. Substrate shall be designed a ecord for the project of installat | AP. | A rated she | athing or be | etter all loads to t | DESCR #10 Pan H Sc | RIPTION lead Wood rew buck desigr | LEN | GTH " ation is the i | EMBEI 7/* responsibilt | OMENT 16" y of the eng | DIST/ 1 | ANCE " hitect of |
| 7/16" OSB/PLYWOOD <u>SENERAL NOTES:</u> I. Substrate shall be designed a | AP. and anchore ion. bed herein a | A rated she d to properi are generic | athing or be | etter all loads to t ot reflect act | DESCF #10 Pan H Sc he structure | RIPTION lead Wood rrew buck desigr | LEN | GTH " ation is the i | EMBEI 7/- responsibilt | OMENT 16" y of the eng | DIST/ 1 | ANCE " hitect of |
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| 7/16" OSB.PLYWOOD SENERAL NOTES: 1. Substrate shall be designed a ecord for the project of installati 2. The installation details descril equirements detailed herein, a 3. An unfactored dead load of 1. <u>NSTALLATION NOTES</u> : 1. One (1) installation anchor is 2. Spacing is from clip/fastener of 3. The number of installation an 5. Install individual installation an 5. Installation anchors and asso setter to a & b listed below: a. Zinc plated fastence b. 316 Stainless Stee | AP. AP. AP. AP. AP. AP. AP. AP. AP. AP. | A rated she d to properl are generic gineer or ar ssumed for each Quick nter. e table is th in a tolerand ware must b erate climate for coastal d | athing or bu ly transfer a and may no chitect shai the claddir -Screen Cli ne minimum ce of +/- 1/2 pe made of e zones climate zon | etter all loads to t of reflect act ll prepare si ng. p location. I number of 2" of the spe corrosion re | DESCF #10 Pan H Sc he structure ual condition te specific d vinimum of i anchors to t cified spacin sistant mate | RPTION lead Wood rew buck design ns for a spec occuments fo lwo (2) anch two (2) anch ne used for p ngs. Toleran erial or have | LEN and install cific site. If a r use with th tors per pla product inst ces are not a corrosion | GTH ation is the i site condition his document nk. allation. cumulative resistant co | EMBEI 7/ responsibilit ns cause in nt. | DMENT 16" y of the eng stallation to stallation ar mon faster | DIST, 1 ineer or arc deviate fror achor to the er types ca | hitect of n the next. n be equa |
| 7/16" OSB/PLYWOOD SENERAL NOTES: 1. Substrate shall be designed a ecord for the project of installati 2. The installation details descril equirements detailed herein, a 8. An unfactored dead load of 1. <u>NSTALLATION NOTES</u> : 1. One (1) installation anchor is 2. Spacing is from clip/fastener of 3. The number of installation an 5. Installindividual installation an 5. Installation anchors and asso setter to a & b listed below: a. Zinc plated fastener | AP, and anchore ion. bed herein a licensed en formation of the sed herein a required at center to ce chors per th nchors within ciated hardv ers for mode of fasteners i stalled in a | A rated she d to properl are generic gineer or ar ssumed for each Quick nter. e table is th in a tolerand ware must b erate climate for coastal of ccordance | athing or bu ly transfer a and may no chitect sha the claddir -Screen Cli ne minimum ce of +/- 1/2 be made of e zones climate zon with anchoi | etter all loads to t of reflect act ll prepare si ng. p location. I number of 2" of the spe corrosion re | DESCF #10 Pan H Sc he structure ual condition te specific d vinimum of i anchors to t cified spacin sistant mate | RPTION lead Wood rew buck design ns for a spec occuments fo lwo (2) anch two (2) anch ne used for p ngs. Toleran erial or have | LEN and install cific site. If a r use with th cors per pla product inst ces are not a corrosion | GTH ation is the i site condition his document nk. allation. cumulative resistant co | EMBEI 7/ responsibilit ns cause in nt. | DMENT 16" y of the eng stallation to stallation ar mon faster | DIST, 1 ineer or arc deviate fror achor to the er types ca | hitect of n the next. n be equa |
| 7/16" OSB/PLYWOOD <u>GENERAL NOTES:</u> 1. Substrate shall be designed a record for the project of installati requirements detailed herein, a 3. An unfactored dead load of 1. <u>NSTALLATION NOTES:</u> 1. One (1) installation anchor is 2. Spacing is from clip/fastener of 3. The number of installation an 4. Install individual installation an 5. Installation anchors and asso petter to a & b listed below: a. Zinc plated fastene b. 316 Stainless Stee 5. Installation anchors shall be li | AP, and anchore ion. bed herein a licensed en formation of the sed herein a required at center to ce chors per th nchors within ciated hardv ers for mode of fasteners i stalled in a | A rated she d to properl are generic gineer or ar ssumed for each Quick nter. e table is th in a tolerand ware must b erate climate for coastal ccordance | athing or bu ly transfer a and may no chitect sha the claddir -Screen Cli ne minimum ce of +/- 1/2 be made of e zones climate zon with anchoi | etter all loads to t of reflect act ll prepare si ng. p location. I number of 2" of the spe corrosion re | DESCF #10 Pan H Sc he structure ual condition te specific d vinimum of i anchors to t cified spacin sistant mate | RPTION lead Wood rew buck design ns for a spec occuments fo lwo (2) anch two (2) anch ne used for p ngs. Toleran erial or have | LEN and install cific site. If a r use with th cors per pla product inst ces are not a corrosion | GTH ation is the i site condition his document nk. allation. cumulative resistant co | EMBEI 7/ responsibilit ns cause in nt. | DMENT 16" y of the eng stallation to stallation ar mon faster | DIST, 1 ineer or arc deviate fror achor to the er types ca | hitect of n the next. n be equa |
| 7/16" OSB/PLYWOOD SENERAL NOTES: 1. Substrate shall be designed a ecord for the project of installati 2. The installation details descril equirements detailed herein, a 3. An unfactored dead load of 1. <u>NSTALLATION NOTES</u> : 1. One (1) installation anchor is 2. Spacing is from clip/fastener of 3. The number of installation an 5. Installindividual installation an 5. Installation anchors and asso stetter to a & b listed below: a. Zinc plated fastene b. 316 Stainless Stee 5. Installation anchors shall be in then the minimum strength spece | AP. AP. AP. AP. AP. AP. AP. AP. AP. AP. | A rated she d to properl are generic gineer or ar ssumed for each Quick nter. e table is th in a tolerand ware must b erate climate for coastal ccordance | athing or bu ly transfer a and may no chitect sha the claddir -Screen Cli ne minimum ce of +/- 1/2 be made of e zones climate zon with anchoi | etter all loads to t of reflect act ll prepare si ng. p location. I number of 2" of the spe corrosion re | DESCF #10 Pan H Sc he structure ual condition te specific d vinimum of i anchors to t cified spacin sistant mate | RPTION lead Wood rew buck design ns for a spec occuments fo lwo (2) anch two (2) anch ne used for p ngs. Toleran erial or have | LEN and install cific site. If a r use with th cors per pla product inst ces are not a corrosion | GTH ation is the i site condition his document nk. allation. cumulative resistant co | EMBEI 7/ responsibilit ns cause in nt. | DMENT 16" y of the eng stallation to stallation ar mon faster | DIST, 1 ineer or arc deviate fror achor to the er types ca | hitect of n the next. n be equa |

Table 5 - Fastener to Sheathing (4" Planks)

| PSF (Factored / Ultimate) 20 30 40 50 60 70 80 90 100 110 120 20 30 40 50 60 70 80 90 100 110 120 16" *********************************** | 12" 10 <t< th=""><th>6" Planks, 6" Lap S</th><th>Siding,</th><th></th><th></th><th></th><th></th><th>PSF (Fa</th><th>ctored / I</th><th>Ultimate)</th><th></th><th></th><th></th><th></th></t<> | 6" Planks, 6" Lap S | Siding, | | | | | PSF (Fa | ctored / I | Ultimate) | | | | |
|--|---|--|--|--|--|---|--|--|---|--|---|---|---|---|
| OUICK-SCREEN CLP SMCING (N) 101 101 101 101 101 24" 24" 101 101 101 101 22" 20 30 40 50 60 70 80 90 100 110 120 Plank Profiles: 6" V-Groove, 6" Smooth, 6" Channel, 6" Lap, 7" Board & Batten PSF (Factored / Utimate) 101 100< | OUICK-SCREEN CLP gPACING (N) 1 <td< th=""><th>7" Board & B</th><th>Batten</th><th>20</th><th>30</th><th>40</th><th>50</th><th>60</th><th>70</th><th>80</th><th>90</th><th>100</th><th>110</th><th>120</th></td<> | 7" Board & B | Batten | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | 110 | 120 |
| QUICK-SCREEN CLP SPACING (N) 24" | QUICK-SCREEN CLP SPACING (N) 24" 25" 25" 25" 25" 25" 25" 25" 25" 25" 25" 25" 26" 26" 20 30 40 50 60 70 80 90 100 110 120 20" 20" 30 40 50" 70" </td <td></td> <td>12"</td> <td></td> | | 12" | | | | | | | | | | | |
| 24** 32** 30 40 50 60 70 80 90 100 110 120 Plank Profiles: 6* V-Groove, 6* Smooth, 6* Channel, 6* Lap, 7* Board & Batten PSF (Factored / Ultimate) 10 1 | 24** Barl Pipe Intervention Pipe Intervention Pipe Intervention 32** 30 40 50 60 70 80 90 100 110 120 10** 20 30 40 50 60 70 80 90 100 110 120 10** 20 30 40 50 60 70 80 90 100 110 120 10** 10** 20 30 40 50 60 70 80 90 100 110 120 10** 10** 10** 10** 10** 10** 10** 10** 10** 10** 10** 10** 10** 10** 10** 10** 10** 10*** 10*** 10*** 10**** 10************************************ | | 16" | | | | | | | | | | | |
| Plank Profiles: 6" V-Groove, 6" Smooth, 6" Channel, 6" Lap, 7" Board & Batten TRIM COMPONENTS* PSF (Factored / Ultimate) 20 30 40 50 60 70 80 90 100 110 120 16" 20 30 40 50 60 70 80 90 100 110 120 16" 16" 20 30 40 50 60 70 80 90 100 110 120 1*Starter Strip requires Two (2) installation anchors at each fastener location: 1 Quick-Screen Clip + 1 Mid-Point slotted hole Calculations are using L/60 deflection limit SUBSTRATE TYPE SUBSTRATE REQUIREMENTS ANCHOR DESCRIPTION MIN.SCREW LENGTH MIN. EDGE EMBEDMENT DISTANCE 7/16" OSB/PLYWOOD APA rated sheathing or better #10 Pan Head Wood Screw 1" 7/16" 1" 1. Substrate shall be designed and anchored to properly transfer all loads to the structure buck design and installation is the responsibility of the engineer or architelet of screw 1.8 Screw 1.8 Screw 1.8 1.8 1.8 1.8 1.8 1.8 | Plank Profiles: 8" V-Groove, 6" Smooth, 6" Channel, 6" Lap, 7" Board & Batten TRIM COMPONENTs* PSF (Factored / Ultimate) 20 30 40 50 60 70 80 90 100 110 120 101 102 30 40 50 60 70 80 90 100 110 120 101 102 30 40 50 60 70 80 90 100 110 120 101 102 30 40 50 60 70 80 90 100 110 120 101 102 100 100 110 120 100 110 120 102 101 101 100 100 110 120 100 110 120 103 101 101 100 100 110 120 100 110 120 100 110 120 100 110 120 100 100 | SPACING (IN) | 24" | | | | | | | | | | | |
| PSF (Factored / Ultimate) 20 30 40 50 60 70 80 90 100 110 120 16" 20 30 40 50 60 70 80 90 100 110 120 16" 16" 10 10 10 120 10 110 120 13" 16" 10 10 10 10 120 10 110 120 13" 10 10 10 10 10 120 10 10 120 14" 10 10 10 10 10 120 10 10 120 15 20 30 40 50 60 70 80 90 100 110 120 15 10 10 10 10 10 10 120 16 10 10 10 10 10 10 10 | PSF (Factored / Ultimate) 20 30 40 50 60 70 80 90 100 110 120 16" 20 30 40 50 60 70 80 90 100 110 120 46" 40 41 40 40 40 40 40 40 40 40 40 40 40 40 40 40 40 40 40 40 40 | | 32" | | | | | | | | | | | |
| TRIM COMPONENTS* 20 30 40 50 60 70 80 90 100 110 120 16" 100 100 110 120 16" 100 100 110 120 16" 100 100 110 120 100 100 100 110 120 100 100 100 110 120 100 100 100 100 110 120 100 | TRIM COMPONENTS* 20 30 40 50 60 70 80 90 100 110 120 16** 16** 16** 16** 16** 16** 16** 100 110 120 **Starter Strip requires Two (2) installation anchors at each fastener location: 1 Quick-Screen Clip + 1 Mid-Point slotted hole Catulations are using L/60 deflection limit SUBSTRATE TYPE SUBSTRATE REQUIREMENTS ANCHOR DESCRIPTION MIN. SCREW LENGTH MIN. EMBEDMENT DISTANCE 7/16* OSB/PLYWOOD APA rated sheathing or better #10 Pan Head Wood Screw 1* 7/16* 1* SUBSTRATE STYPE SUBSTRATE REQUIREMENTS ANCHOR DESCRIPTION MIN. SCREW LENGTH MIN. DOE DISTANCE 7/16* OSB/PLYWOOD APA rated sheathing or better #10 Pan Head Wood Screw 1* 7/16* 1* 1. Substrate shall be designed and anchored to properly transfer all loads to the structure buck design and installation is the responsibility of the engineer or architect of frequirentents detailed herein, all cleansed engineer or architect of frequirentents detailed herein, all cleansed engineer or architect of actual conditions for a specific site. If site conditions cause installation to deviate from the requirements detailed herein, all cleansed engineer or architect all prepare site specific durines for use with this | Plank Profiles: 6" V-Groove | , 6" Smooth | , 6" Chan | nel, 6" Lap | , 7" Board | & Batten | • | • | • | • | • | • | • |
| 20 30 40 50 60 70 80 90 100 110 120 16" 10 10 10 10 120 *Starter Strip requires Two (2) installation anchors at each fastener location: 1 Quick-Screen Clip + 1 Mid-Point slotted hole Calulations are using L/60 deflection limit SUBSTRATE TYPE SUBSTRATE REQUIREMENTS ANCHOR DESCRIPTION MIN. SCREW MIN. DISTANCE 7/16" OSB/PLYWOOD APA rated sheathing or better #10 Pan Head Wood 1" 7/16" 1" GENERAL NOTES: 1. Substrate shall be designed and anchored to properly transfer all loads to the structure buck design and installation is the responsibility of the engineer or architect of record for the project of installation. 1" 7/16" 1" 2. The installation details described herein are generic and may not reflect actual conditions for a specific site. If site conditions cause installation to deviate from the requirements detailed herein, al icensed engineer or architect shall prepare site specific documents for use with this document. 3. An urfactored dead load of 1.5 psf was assumed for the cladding. INSTALLATION NOTES: 1. One (1) installation anchors is required at each Quick-Screen Clip location. Minimum of two (2) anchors per plank. 2. Spacing is from clip/fastener center to center. 3. The number of installatio | 20 30 40 50 60 70 80 90 100 110 120 16" Image: Colspan="4">Colspan="4"Colspan="4" Colspan="4">Colspan="4" Co | | | | | | | PSF (Fa | ctored / I | Ultimate) | | | | |
| Starter Strip requires Two (2) installation anchors at each fastener location: 1 Quick-Screen Clip + 1 Mid-Point slotted hole Calculations are using L/60 deflection limit SUBSTRATE TYPE SUBSTRATE REQUIREMENTS ANCHOR DESCRIPTION MIN. SCREW LENGTH MIN. EMBEDMENT DISTANCE 7/16" OSB/PLYWOOD APA rated sheathing or better #10 Pan Head Wood Screw 1" 7/16" 1" GENERAL NOTES: 1. Substrate shall be designed and anchored to properly transfer all loads to the structure buck design and installation is the responsibility of the engineer or architect of record for the project of installation. 2. The installation details described herein are generic and may not reflect actual conditions for a specific site. If site conditions cause installation to deviate from the requirements detailed herein, al lenseed engineer or architect shall prepare site specific documents for use with this document. 3. An unfactored dead load of 1.5 psf was assumed for the cladding. NINSTALLATION NOTES: 1. One (1) installation anchors is required at each Quick-Screen Clip location. Minimum of two (2) anchors per plank. 2. Spacing is from clip/fastener center to center. 3. The number of installation anchors within a tolerance of +/ 1/2" of the specified spacings. Tolerances are not cumulative from one installation anchor to the next. 5. Installation anchors and associated hardware must be made of corrosion resistant material or have a corrosion resistant coating. Commo | Starter Strip requires Two (2) installation anchors at each fastener location: 1 Quick-Screen Clip + 1 Mid-Point slotted hole Calculations are using L/60 deflection limit SUBSTRATE TYPE SUBSTRATE REQUIREMENTS ANCHOR DESCRIPTION LENGTH EMBEDMENT DISTANCE 7/16* OSB/PLYWOOD APA rated sheathing or better #10 Pan Head Wood 1* 7/16* 1* 7/16* 1* GENERAL NOTES: 1. Substrate shall be designed and anchored to properly transfer all loads to the structure buck design and installation is the responsibility of the engineer or architect of record for the project of installation. 2. The installation delials described herein are generic and may not reflect actual conditions for a specific site. If site conditions cause installation to deviate from the requirements detailed herein, a. licensed engineer or architect shall prepare site specific documents for use with this document. 3. An unfactored dead load of 1.5 psf was assumed for the cladding. INSTALLATION NOTES: 1. One (1) Installation anchors be required at each Quick-Screen Clip location. Minimum of two (2) anchors per plank. 2. Spacing is from clip/fastener center to center. 3. The number of installation anchors within a tolerance of +/- 1/2* of the specified spacings. Tolerances are not cumulative from one installation anchor to the next. 5. Installation anchors shall be installed in archars with a tolerance of toroson resistant material or have a corrosion resistant coding. Common fastener types can be equa bet to a & b listed below: a. Zinc plated fasteners for moderate climate zones b. 316 Stainless Steel fasteners for coastal climate zones b. 316 Stainless Steel fasteners for coastal climate zones b. 316 Stainless Steel fasteners for moderate climate zones b. 316 Stainless Steel fasteners for coastal climate zones b. 316 Stainless Steel fasteners for coastal climate zones b. 316 Stainless Steel fasteners for coastal climate zones b. 316 Stainless Steel fasteners for coastal climate zones b. 316 Stainless Steel fasteners for coastal climate zones b. 316 Stainless | | _ | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | 110 | 120 |
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Table 6 - Fastener to Sheathing (6" Planks)



| | Rac | dius Table | | |
|---|--------------|-----------------|--------------|------------|
| APPLICATION | A -Circular | B -Curved walls | C -Convex | D -Concave |
| DIAGRAMS | J-Track | Termination Set | J-Track | J-Track |
| | | *Starter | J-Track | J-Track |
| TRIMS | | Minimun | n Radius | |
| Non-Tempered Precision J-Track (5/8") | 1.5' (0.46m) | N/A | 1.5' (0.46m) | 2' (0.61m) |
| Precision J-Track (5/8") | 15' (4.57m) | N/A | N/A | N/A |
| Precision Two-Piece J-Track w. J-base | 15' (4.57m) | N/A | 8' (2.44m) | 8' (2.44m) |
| Precision Termination Set | N/A | 12' (4.57m) | N/A | N/A |
| Non-Tempered Craftsman J-Track (7/8") | 6' (1.83m) | N/A | 6' (1.83m) | 6' (1.83m) |
| Craftsman J-Track (7/8") | 38' (11.6m) | N/A | 20' (6.1m) | 20' (6.1m) |
| Craftsman Two-Piece J-Track w. J-Base | 20' (6.1m) | N/A | 8' (2.44m) | 8' (2.44m) |
| Craftsman Termination Set | N/A | 12' (4.57m) | N/A | N/A |
| Traditional Two-Piece J-Track w. J-base | 38' (11.6m) | N/A | 8' (2.44m) | 8' (2.44m) |
| Traditional Termination Set | N/A | 12' (4.57m) | N/A | N/A |
| PLANKS | | Minimun | n Radius | |
| 2 1/2" V-Groove | N/A | 12' (4.57m) | 1.5' (0.46m) | 2' (0.61m) |
| 2 1/2" V-Groove Perforated | N/A | 12' (4.57m) | 1.5' (0.46m) | 2' (0.61m) |
| 4" V-Groove | N/A | 12' (4.57m) | 3' (0.91m) | 6' (1.83m) |
| 6" V-Groove | N/A | 12' (4.57m) | 3' (0.91m) | 6' (1.83m) |
| 6" Channel | N/A | 12' (4.57m) | 3' (0.91m) | 6' (1.83m) |
| 6" Smooth Plank | N/A | 12' (4.57m) | 3' (0.91m) | 6' (1.83m) |
| 6" V-Groove Perforated | N/A | 12' (4.57m) | 3' (0.91m) | 6' (1.83m) |
| 6" Smooth Plank Perforated | N/A | 12' (4.57m) | 3' (0.91m) | 6' (1.83m) |
| 4" Castellation | N/A | 12' (4.57m) | 3' (0.91m) | 6' (1.83m) |
| 8" Castellation | N/A | 12' (4.57m) | | |
| 6" Triple Bevel | N/A | 19' (5.8m) | 3' (0.91m) | 6' (1.83m) |
| 8" V-Groove | N/A | 12' (4.57m) | | |

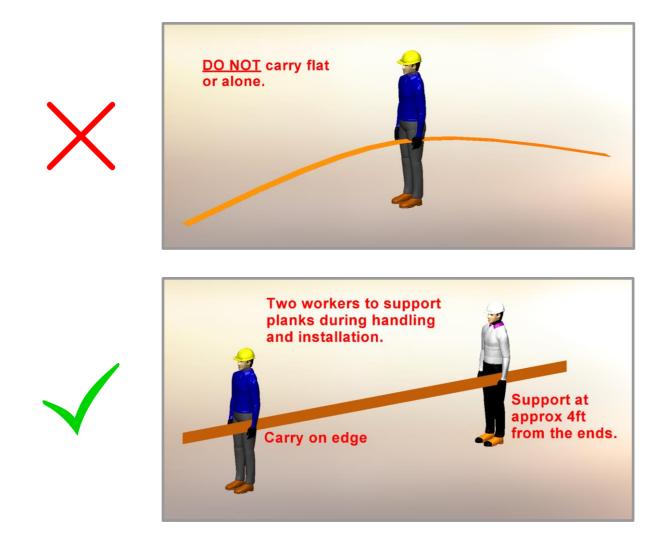
Note 2: When bending and securing components, bend against solid secure object and take care not to over bend.

*Note 2. When being and second groups is the second against sold second object and the being of the second se

Proper Handling of Longboard Products



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



A Delivery, Storage & Handling

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

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

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