



# Installation Instructions

Liberty Decking Installation

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# Liberty Deck

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## INSTALLATION INSTRUCTIONS

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### Note

Read all instructions before starting job.

### Recommendations for Support System

We recommend that all support joists be placed on 16" centers for proper support. Check with your local building code officials to insure your installation meets or exceeds local requirements.

When designing your deck, keep in mind that the deck has a maximum 5" overhang past the last joist. **DO NOT EXCEED.** The width of the joist can accommodate the deck planking by allowing 5-1/2" for each plank and 1/8" or 1/4" spacing between planks.

### Cutting Suggestions

Liberty deck is easily cut with a circular saw using a fine tooth blade. When cutting, always wear a dust mask and safety glasses. Make a few practice cuts to adjust feed speed.

### Installing Liberty Planks

If planks are perpendicular to structure, allow a 1/2" gap between the end of each plank and the structure. This gap will be trimmed out using an L-channel trim piece.

### Position First Plank

- 1.) Locate an end joist beneath plank. Allow ends of planks to overhang frame by at least 1-1/2" to allow installation of U-channel from. L-channel may be used for a flush finish, but U-channel is recommended in high traffic areas. In the screw channel, there is a centering groove to position screw (Figure 1). When attaching the first plank be certain of location on joist and that the plank is square.
- 2.) Drive #8-2" hex head self drilling stainless steel screw through deck plank and into joist. Do not over tighten screw. Repeat for opposite screw channel. Follow this step on all joists.
- 3.) Lay next plank beside the first with approximate 1/8" to 1/4" spacing between planks. Repeat Step 2. Repeat for each plank.
- 4.) If jointing 2 planks end to end, in line or angled, a double joist is recommended for structural strength. T-channel is recommended to finish the joints.
- 5.) After all planks have been secured to joist, snap channel strips into place.

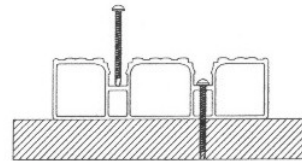


Figure 1

### Finishing Your Deck

U-Channel is used to cover exposed ends. For applications where the deck is raised and the u-channel is accessible from the bottom, install smooth side on top. For low decks install ribbed side on top.

### Installing U-Channel Smooth Side On Top

- 1.) Cut deck channel to length by measuring distance from A to B. Cut and miter (if necessary) the deck channel to this A-B length.
- 2.) Sliding one end of deck channel over the exposed deck ends (Figure 2) starts installation. Gently tap deck channel over the exposed deck ends using a rubber hammer. (It may be necessary to pry apart the legs of the deck channel).
- 3.) Once the deck channel is checked for squareness and fit, attach the bottom of the deck channel to the bottom of the plank with a #8x3/4" stainless steel screw to every other plank.

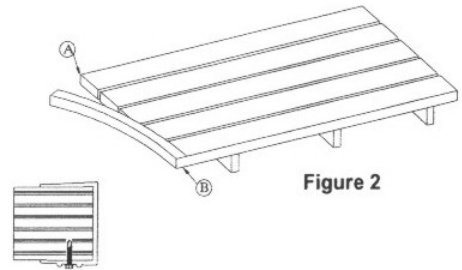
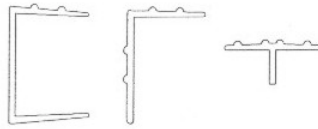


Figure 2



Figure 3



U-Channel    L-Channel    T-Channel

### Installing U-Channel, L-Channel or T-Channel Ribbed Side On Top

- 1.) Cut channel to length and install as in previous Steps 1 and 2.
- 2.) Drill 9/64" pilot holes between two channel grooves and pin as shown in Figures 4, 5, and 6. A pin is required in every plank.



Figure 4

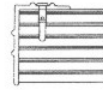


Figure 5

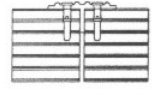


Figure 6

### Installing L-Channel At Structure Perpendicular To Planks

- 1.) Cut deck L-channel to length by measuring distance from A to B. Cut and miter (if necessary) the deck channel to this A-B length.
- 2.) Slide channel into 1/2" gap between deck and structure. Drill 9/64" pilot holes between two channel grooves and pin as shown in Figure 5. A pin is required in every plank.

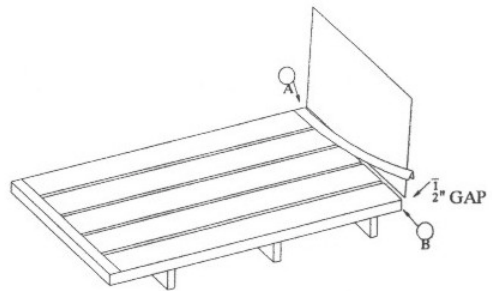


Figure 7