

# The Haven Underdeck

What Makes Us Different:

Available in over 25 designer colors. Mix and Match panel, trim, gutter & downspout.

Use our Color Visualization Tool at [www.havenunderdeck.com](http://www.havenunderdeck.com) to create your outdoor haven.



The underdeck system is designed so that any particular panel may be removed without disturbing the adjacent panels. It is an all aluminum construction.

Every major underdeck component is custom manufactured for your deck.

Our underdeck incorporates a pitch into the gutter for the most effective drainage.

Our underdeck system does not attach to the deck above which allows free flow of water and debris to eliminate blockage.



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## How to Install The System

### 1. Determine gutter and wall channel pitch

Using laser level mark the corners of the deck

At each corner measure the distance between the level line and the bottom of the deck  
Using the smallest measurement subtract 3". This will be the high point or rear wall channel height

Calculate  $1/8''$  per linear foot of deck i.e. 16' deck = 2" of fall.

Subtract calculation from rear wall channel height and mark. This is the high side of the gutter.

Measure  $3 \frac{1}{2}''$  below the line and make a mark. This is bottom of the gutter.

Calculate the low side of the gutter by using the formula  $1/16''$  per foot.

### 2. Install end caps and gutter support boards

End caps can be cut on angle to match the pitch or left complete. Using 3" ACQ rated screws install end cap under outside edge of band

Gutter support board height is figured by measuring from bottom of the deck to the mark you made representing the bottom of the gutter

Install end caps and gutter support boards to deck posts using 3" ACQ rated screws

### 4. Seal and Water test

Seal all gutters and wall channels with 100% silicone based sealant

Using small spray bottle test perimeter.

It is easier to test and fix any issues now.

### 3. Installing wall channels and gutters

Install gutters being sure to stay on your line. Flat or low spots collect trash

Install wall channels around perimeter being careful not to over tighten the  $1 \frac{1}{4}''$  ACQ rated screws

Miter corners being sure to overlap top of wall channel and screw together

Do not extend the wall channel past the top lip of the gutter.

### 5. Installing ceiling panels

Cut to length measuring from the inside lip of the gutter to the rear wall then add  $\frac{1}{2}''$ .

Cut and bend  $\frac{1}{2}''$  of the rear of the panel up. Do not seal

Front of the panel cut  $\frac{1}{2}''$  slits on both sides then fold the middle down and back on to itself leaving a  $1/8''$  gap

Measure each panel individually because most decks are out of square and sizes may vary

Slide front of panel past gutter resting it on the gutter lip. Pull panel into wall channel. Each panel overlaps previous panel. Panels that are longer than 10 ft must have safety bracket installed.

### 6. Installing last 2 panels

Install last panel into wall channel leaving a gap for next to last panel to fit.

Slide next to last panel in place using suction cup

\* When installing a cantilevered deck install 2 separate systems with gutters on both sides of the beam. Also install and seal metal flashing between joists above beam. Trim out the area between posts with aluminum U channel or wood.