



Maximize Outdoor Living Space!



DrySnap® is an under deck rain carrying system designed to maximize outdoor living space. Installed beneath residential and light commercial decking, this system adds value to any home by providing a dry, useful area... screened porch, storage area for lawn equipment or bikes, etc.

It's maintenance free vinyl ceiling panels collect and drain water away from the space beneath the deck. The system comes complete with a ten year product warranty.

Installation of the DrySnap® system is easy. It's five components snap together for maximum efficiency and cost savings.

**Why wait . . .
install DrySnap® today!**

Features

- Vinyl construction
- Snap-together panel design
- 10 year limited warranty

Benefits

- Maintenance free, all weather protection
- Easy installation under any raised deck
- Beautiful and dry outdoor living space



Amerimax 
Home Products, Inc.

The real beauty of the DrySnap® Under Deck Rain Carrying System is how easy it is to install. Just purchase the DrySnap® System and gather these simple tools and materials.

Tools

- Tape Measure
- Tin Snips
- Step Ladder
- Cordless Screw Gun
- Chalk Line
- Caulk Gun
- Miter Saw or Hand Saw
- Level
- Leather Gloves
- Eye Protection
- Rubber Mallet

Materials

Make sure all materials used are compatible with ACQ and CA treated lumber.

- **Stainless Steel Deck Screws**
2-1/2" Screws w/ Driver - Part# 84178
3" Screws w/ Driver - Part# 84179
- **FlashMate®**
- **Vinyl Flashing**
- **Gutter and Downspout**
(Standard gutter and downspouts are suggested but not required with the DrySnap® system.)
6-1/2" Gutter Screws w/ Ferrule - Part# 84181

Pre-Installation INSPECTING JOIST SPACING

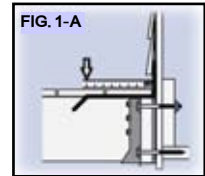
MOST DECKS ARE CONSTRUCTED WITH JOISTS SPACED 12" or 16" ON CENTER. IF JOIST SPACING EXCEEDS 16" ON CENTER, 1"x3" PRESSURE TREATED WOOD FURRING STRIPS WILL NEED TO BE INSTALLED TO UNDERSIDE OF JOISTS SO THAT DRYSNAP BRACKETS CAN BE SECURED EVERY 16". THIS REFERS TO JOIST SUPPORT ONLY, SEE INSTRUCTIONS FOR PROPER POSITIONING OF JOIST BRACKETS.

CHECKING THE JOISTS

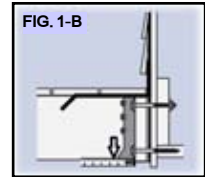
PRIOR TO ANY INSTALLATION, IT IS IMPERATIVE THAT THE INSTALLER INSPECTS THE UNDERSIDE OF THE JOISTS IN SEVERAL LOCATIONS. IF THERE ARE ANY JOISTS THAT ARE WARPED OR IRREGULAR, AND/OR IF THE JOISTS ARE NOT LEVEL OR POSITIVELY SLOPED IN THE DIRECTION OF INTENDED WATER FLOW, THEY WILL NEED TO BE CORRECTED PRIOR TO PROCEEDING WITH INSTRUCTIONS. MINOR IRREGULARITIES MAY BE CORRECTED BY ADDING SHIMS OF THE APPROPRIATE THICKNESS. IN SOME INSTANCES, FURRING STRIPS OR ANGLED RIPPED WOOD MAY NEED TO BE INSTALLED TO CORRECT THE OVERALL SLOPE BEFORE INSTALLING THE DRYSNAP SYSTEM. FAILURE TO ADDRESS THIS WILL LIKELY CAUSE PERFORMANCE ISSUES NOT RELATED TO THE PRODUCT, AND WILL SUBSEQUENTLY VOID THE PRODUCT WARRANTY.

Install Joist Brackets

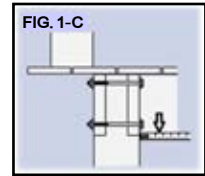
1. Make sure your ledger board (main support board attached to house) is properly secured and flashed. There should be a minimum of 8" of flashing out from ledger board (**FIG.1-A**). If flashing does not extend past the gap between the first two deck boards, install gutter along ledger board after DrySnap® system is installed.



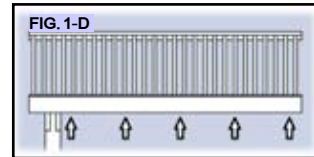
2. Mark your chalk line nearest the ledger board. Measure 3-1/2" out from the ledger board on opposite sides of deck, and pop or snap chalk line (**FIG. 1-B**). This mark will be your "center" mark for positioning the joist brackets.



3. Mark your outermost chalk line. Measure 3-1/2" out from the beam on opposite sides of deck and pop or snap chalk line (**FIG. 1-C**). This mark will be your "center" mark for positioning the joist brackets.

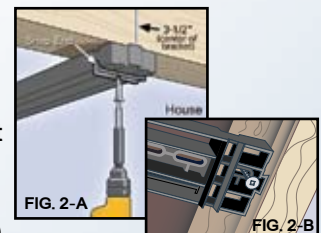


4. Proceed to snap the middle chalk lines. Beginning with the ledger board side, measure, mark & snap chalk lines every 20" apart (**FIG. 1-D**). Again, this mark will be your "center" mark for positioning the joist brackets. Spacing between rows should not exceed 20", including the last row.



5. Before installing joist brackets, place a level on the joist in several locations to make sure deck is level or pitched toward drainage direction of system. (Inconsistent or bowed joist are covered later in these instructions.)

6. Install first joist bracket by aligning the center of the joist brackets with your chalk line. Start in middle of first joist by fastening bracket with male keystone snap closest to outer perimeter joist. Make sure center of bracket is lined up with chalk line. (**FIG.2-A**)



Use 2 1/2" screws for rows 1-5, and 3" screws used on rows 6-8. (**FIG.2-B**)

7. **Pitch Spacers** set the pitch to drain water from the system. The first row of brackets requires no spacers. The second row requires one spacer, the third row two spacers and so on... When snapping spacers together, snap side A to side B (**FIG.3**). Spacers will be located on every joist between the bracket and joist (**FIG.4**).



8. Locate and install first bracket of each row before continuing installation of each row. **Locating the first bracket is very important!**



The bracket snaps must line up in order for panel channels to snap in properly. Locate first bracket on each row by popping or snapping a chalk line down the first joist. Install brackets leaving screws loose at first. Snap the starter channel into the bracket making sure it is straight (**FIG.5**), then go back and tighten all screws.



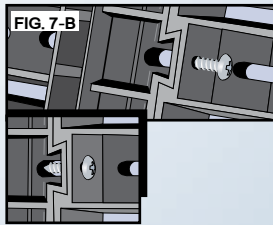
Note— Make sure not to over tighten screws.

9. To remove a channel or panel, grab both sides of channel and twist. After unsnapping one or two snaps, slide the rest of starter channel or panel off brackets (FIG.6).

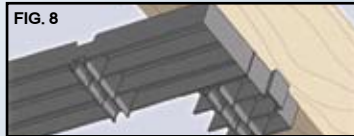


10. **Inconsistent or Bowed Joist.** Install first two panels (see steps 13-17). Pour water onto panels to make sure water is draining properly. Continue installing system, one bracket and two panels at a time, using spacers to correct inconsistent pitch.

11. After first bracket of each row is properly located and installed, install entire row of brackets. Brackets snap in place, giving you two free hands to slide spacer under joist and screw bracket in place (FIG.7-A). Due to inconsistency with deck building, wood joists and structure settling, connect the DrySnap joist bracket dove tail connections with a 1/2" #8 zip Phillips head screw (FIG.7-B).



12. At end of bracket run, cut a joist bracket and fasten it to last joist to close system (FIG.8).



Install Starter Channel & Panels

13. Measure and cut panels and starter channel (length is measured from ledger board to outside edge of last row of joist brackets). Leave 2-1/2" gap from end of panel to beam/gutter fascia board for water to drain (FIG.9).

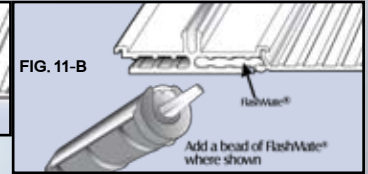
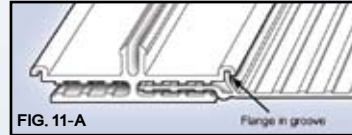


14. At same end where you started installing joist brackets, snap starter channel into joist brackets (FIG.10).

Very Important— Make sure starter channel and panels snap in completely. Missing a snap anywhere in the system will cause a sag in the panels and could result in a leak.

Leave a temporary 2" gap between ledger board and panel channel for later installation of trim cap.

15. Take a panel and snap it to the starter channel already in place. Make sure flexible flange is in place (FIG.11-A). Add a bead of FlashMate® where shown (FIG.11-B).



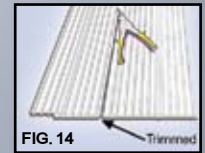
16. Snap panel/channel into bracket (FIG.12).



17. Repeat this process while installing the trim cap as you move across the entire deck (FIG.13).



18. If last panel needs trimming, measure width between last two bracket snaps, mark panel with straight edge and trim panel (FIG.14). Snap panel in place and run a bead of FlashMate® along entire panel at cut seam.

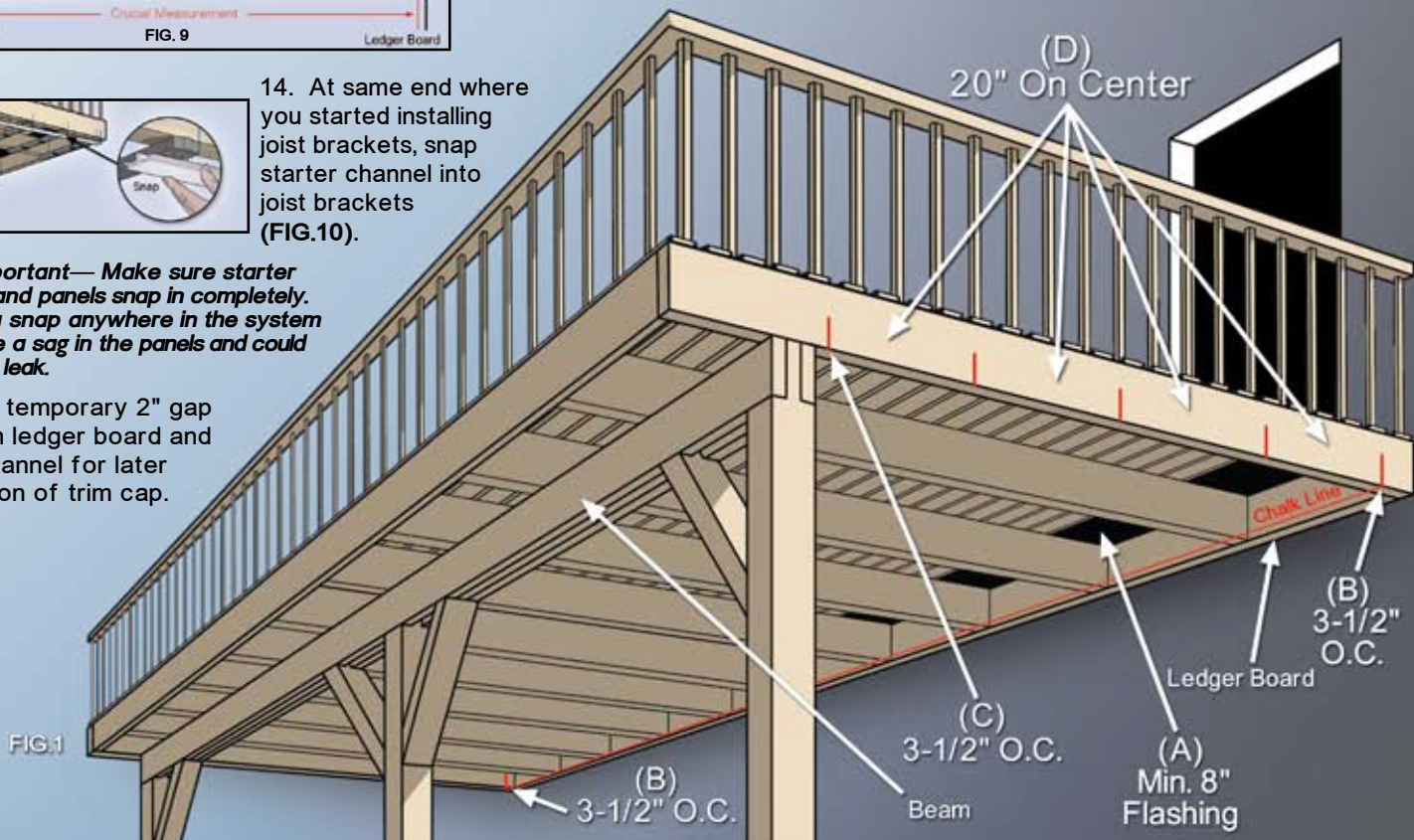


19. If deck frame is even with joist and exposing joist brackets, close in system with treated 1" x 4" boards (FIG.15).



Install Gutter

20. Refer to gutter installation guidelines for hanging gutter with DrySnap® system. **Note— Gutter hangers must be hot dipped or stainless steel fasteners must be used if gutter is attached to ACQ treated lumber. If installing aluminum gutter to treated lumber, use a vinyl flashing barrier between the gutter and the ACQ treated lumber.**



The 5-component System Installs in a Snap!



Step #1



Screw joist brackets with pitch spacers attached into joist.

Step #2



Snap starter channel to joist bracket.

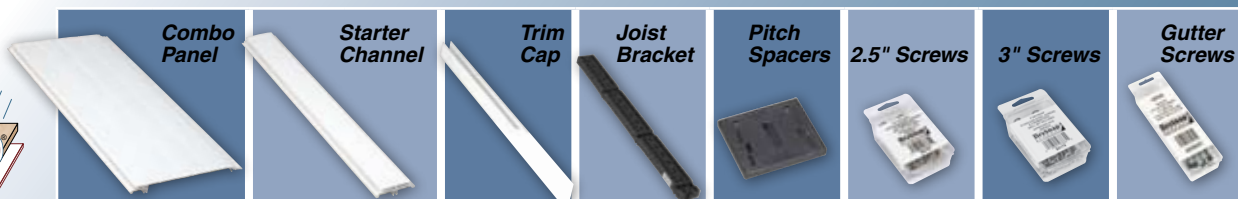
Step #3



Snap panels into place and finish with trim cap.

The DrySnap® system is an easy way to create a great outdoor space under residential and light commercial decking.* Purchase it today... the difference it makes will amaze you.

Component Calculations What do You Need to buy?



Deck Size			Combo Panel		Starter Channel		Trim Cap	Joist Bracket	Pitch Spacers	2.5" Screws	3" Screws	Gutter Screws
Width	Depth	Sq.Ft.	Part No. 37324 Pkg.qty 12	Part No. 37325 Pkg.qty 9	Part No. 37320 Pkg.qty 12	Part No. 37321 Pkg.qty 12	Part No. 37331 Pkg.qty 12	Part No. 37341 Pkg.qty 36	Part No. 37351 Pkg.qty 32/bag-12 bags	Part No. 84178 Pkg.qty 50/packs-8/ctn	Part No. 84179 Pkg.qty 50/packs-8/ctn	Part No. 84181 Pkg.qty 12/pack-10/ctn
			12 ft. Pcs.	16 ft. Pcs.	12 ft. Pcs.	16 ft. Pcs.	12 ft. Pcs.	Pcs.	Bags	Screws	Screws	Gutter Screws
10'	10'	100	15	—	1	—	3	36	5	1	1	1
12'	10'	120	18	—	1	—	3	42	5	1	1	1
16'	10'	160	24	—	1	—	4	54	6	1	1	1
20'	10'	200	30	—	1	—	4	66	8	1	1	1
12'	12'	144	18	—	1	—	3	49	7	1	1	1
16'	12'	192	24	—	1	—	4	63	7	1	1	1
20'	12'	240	30	—	1	—	4	77	11	2	2	1
24'	12'	288	36	—	1	—	4	91	13	2	2	1
12'	14'	168	—	19	—	1	4	56	9	1	1	1
16'	14'	224	—	25	—	1	4	72	12	1	1	1
20'	14'	280	—	31	—	1	4	88	14	2	2	1
24'	14'	336	—	37	—	1	5	104	17	2	2	1
12'	16'	192	—	19	—	1	4	63	12	1	1	1
16'	16'	256	—	25	—	1	4	81	15	1	1	1
20'	16'	320	—	31	—	1	5	99	18	2	2	1
24'	16'	384	—	37	—	1	5	117	22	2	2	1

For custom sizes, please go online to <http://www.drysnap.com/drysnapcalculator.asp>
 Refer to gutter installation guidelines pdf file for hanging gutter with DrySnap® system at <http://www.drysnap.com/detail4.asp>
 Instructions for ceiling fan/light installation available at <http://www.drysnap.com/fankit.pdf>
 For caulking seams, we recommend Amerimax FlashMate™

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* Standard code approved decking under 30 ft. elevation from ground.

Go to www.drysnap.com for total components needed.

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