

# INSTALLATION INSTRUCTIONS



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**STEP 1 SOLID & GROOVED:** Add a support joist to the outside or inside of the outer joists. Insert the Rhino Deck flashing so that the shorter edge rests over the house ledger wood board and the longer plastic edge is inserted behind the house siding. Add notches in the Rhino Deck flashing to clear wood joists as needed. Add support blocking between joists on 4' center (prevents stringer movement). For longer spans/runs of decking please add additional support blocks throughout substructure, preventing twisting and adding rigidity.



BLOCKING SUPPORT JOIST

**STEP 2 SOLID & GROOVED:** Start at the edge away from the house. Pre-drill and counter sink clearance holes starting 2" in from board end and 1" from outer edge of deck board. Screw down the first deck board using the pre-drilled holes. Use #9 x 2" Trim Head Screws. Drill screws in perpendicular, not at an angle. **DO NOT OVERDRIVE.** Splitting may occur. **DO NOT NAIL.** Stainless steel screws may be required within 1 mile of all coasts.

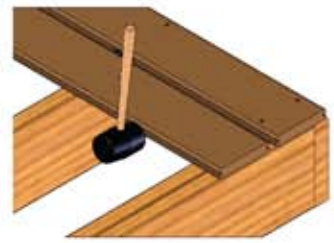


**STEP 3 GROOVED:** Place a Rhino Deck clip in the groove of the Rhino Vision deck board centered over each joist and fasten screw with a corresponding bit.



**DO NOT OVERDRIVE**

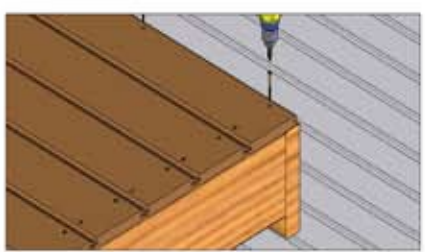
**STEP 4 SOLID & GROOVED:** Starting at one end, slide your next deck board onto the exposed Rhino Deck clips or tap a solid board firmly against a 1/4" spacing tool and use #9 x 2" trim head screws with pre drilled holes countersunk for screw head clearance. Add the next row of Rhino Deck clips as shown in Step 3 or reset your 1/4" spacer. Continue to measure the distance to the home and adjust accordingly so the last board doesn't have to be trimmed lengthwise at an angle.



**STEP 5 GROOVED:** When butt joints are used add supporting joists (2" x 4" minimum) and install two Rhino Deck clips per grooved deck board joint.



**STEP 6 SOLID & GROOVED:** Trim the last board as required to fit allowing 1/4" clearance from the house.



**SOLID & GROOVED: Obtain building permits before building** • Store flat and provide support every 2 ft.. • Keep covered prior to install. • Joist spacing for residential is 16" on center and 12" on center for commercial. If running your deck at a 45° angle to the joist, joist spacing needs to be reduced to 12" on center. Stair stringers should be placed 12" on center. Gapping: Install at the mean temperature of your geographical area. The temperature of composite lumber should be at least 45° F at the time of installation. This is not the same as air temperature. For board ends allow 1/16" for every 20° F difference between installation temperature and your hottest average temperature. Regardless of temperature a 1/16" minimum gap is required. **Failure to do so will void all warranties and liabilities.** • There must be no ground contact with deck stringers, three sides under deck must be open for airflow. • Rhino Deck boards can NOT be installed directly on old deck boards or cement. • **ATTENTION:** Improper installation increases fastener induced cracking. Locate all holes at least 1 1/2" from board ends and 1" from board sides. Do not over tighten fasteners. Pre-drill clearance holes including screw heads.

**USE A SEALER ON THE CUT ENDS OF THE BOARDS TO REDUCE EXPOSURE TO THE ELEMENTS. Contact your local lumberyard/home center for recommendations.**



Complete installation guide available at [www.RhinoDeck.com](http://www.RhinoDeck.com)  
1-320-845-2111

