

**Tools and Items Needed**

- Drill/power screwdriver
  - 1/8" drill bit
  - Circular saw with carbide-tip blade
  - Assorted fasteners (see instructions)
  - Tape measure
  - Carpenter's pencil
  - Safety glasses/goggles
- Notice to installers:**
- Use 305 stainless steel, black head screws
  - DO NOT use cordless impact drivers
  - Set drill speed at 1500-1750 RPM
  - Max torque not to exceed 23 inch pounds
  - Pre-drill knots or dense hardwood

Each Deckorators Vista and Heritage board has a unique appearance and should be arranged according to the end user's preference. Prior to construction, check with your local regulatory agency for special code requirements in your area. For best results, follow these simple installation instructions, paying close attention to gapping, spacing and fastener requirements.

**Joist Span**

16" on-center for residential perpendicular applications. Residential parquet patterns and diagonal or herringbone designs require joist spacing of 12" on-center. Contact Deckorators product support at 800-332-5724 for commercial applications. Use 1/4" for side gapping.

**End-to-End Spacing**

Follow the gapping requirements listed in fig. 1. For any decking where two boards meet end-to-end over a joist, add additional blocking (fig. 2 on the following page). Allow 1/4" distance between all decking material and any permanent structure or post. After all of the decking has been attached, snap a chalk line (white or yellow chalk recommended) flush with or up to 1-1/2" out from the deck framing and trim with a circular saw.

All wood and composite decking products require proper ventilation and drainage to ensure their longevity. When using a minimum 2x6 joist standing on edge and the suggested 1/4" side gap, there should be a 2" clear space between the bottom edge of the joists and grade in order to allow for proper ventilation. Adequate drainage is also needed to prevent water from pooling under the deck.

NOTE: ONLY Deckorators Frontier and Vault decking material, manufactured with Eovations technology, may be installed with the ground or incidental submersion in water when a project design requires those conditions.

**STOWAWAY™  
HIDDEN FASTENERS**

DECK SIZE	JOIST SPACING	
	12" on-center	16" on-center
100 sq. ft.	210 fasteners	175 fasteners
200 sq. ft.	441 fasteners	336 fasteners
300 sq. ft.	672 fasteners	512 fasteners
400 sq. ft.	882 fasteners	672 fasteners
500 sq. ft.	1,113 fasteners	848 fasteners

**Storage**  
Store in a dry location to prevent water damage.

**Installation**  
• Each board must be spaced properly to allow for expansion and contraction. Allow a minimum 1/4" gap between boards. Refer to gapping instructions for details.  
• Snap a chalk line across 1/8" away from any permanent structure or post.  
• Use composite material's recommended drilling instructions for details.  
• Use a torque wrench to ensure proper torque.

**Joist Spacing**  
• Use a spacer to maintain perpendicular to the joist.  
• Refer to Deckorators.com for more information on joist spacing.  
• Use Deckorators.com for complete installation instructions, safety and use and cleaning information. Refer to our website for more information on Deckorators.com.

**Rangement**  
• Conserve l'espace d'installation pour prévenir les dommages.

**Installation**  
• Chaque planche doit être espacée correctement pour permettre l'expansion et la contraction. Prévoyez un écart d'un quart de pouce (1/4") minimum entre les planches. Consultez les instructions d'installation pour obtenir plus de détails.  
• Écrivez une ligne de repère à 1/8" de tout mur ou structure permanente.  
• Utilisez une clé à couple pour vérifier le couple appliqué.  
• Utilisez une équerre pour maintenir la planche perpendiculaire à la poutre.  
• Utilisez un tournevis à couple pour vous assurer que vous appliquez la bonne force de serrage.

**Espacement des solives**  
• Utilisez un espaceur pour maintenir la planche perpendiculaire aux solives.  
• Consultez Deckorators.com pour plus d'informations sur l'espacement des solives.  
• Consultez Deckorators.com pour les instructions complètes d'installation, les informations de sécurité et les informations de nettoyage.

**Atmósferico**  
• Cada espacio de la instalación para evitar manchas por agua.

**Instalación**  
• Cada tablero debe distribuirse de forma adecuada para permitir la expansión y la contracción. Permita un espacio de 1/4" entre las tablas de la parrilla.  
• Marque una línea de repère a 1/8" de cualquier estructura permanente o poste.  
• Utilice una llave de torque para verificar el torque aplicado.  
• Utilice una escuadra para mantener la plancha perpendicular a la viga.  
• Utilice un tornillo de torque para asegurarse de que aplica la fuerza de apriete correcta.

**Espaciado de las vigas**  
• Utilice un espacio de 1/4" entre las planchas para mantenerlas perpendiculares a las vigas.  
• Consulte Deckorators.com para obtener más información sobre el espaciado de las vigas.  
• Consulte Deckorators.com para obtener las instrucciones completas de instalación, las instrucciones de seguridad y las instrucciones de limpieza.

**Each packaged Deckorators board has a unique appearance and should be arranged according to the end user's preference.**

**Chaque planche de Deckorators board has a unique appearance and should be arranged according to the end user's preference.**

**Cada tablero tiene una apariencia única y debe ser arreglado de acuerdo a la preferencia del usuario final.**



(A) End Tag

(B) Product Sticker

Note: Always follow best workmanship practices. Including, and not limited to, square cutting both board ends prior to installation.

		Board-End to Board-End Gapping Requirements											
		Warmest annual temperature °F expected in region											
Temperature °F on day of installation	°F	20	30	40	50	60	70	80	90	100	110	120	
	20	1/8	1/8	1/8	1/8	1/8	1/8	3/16	3/16	1/4	1/4	5/16	5/16
	30		1/8	1/8	1/8	1/8	1/8	3/16	3/16	1/4	1/4	5/16	
	40			1/8	1/8	1/8	1/8	1/8	3/16	3/16	1/4	1/4	
	50				1/8	1/8	1/8	1/8	1/8	3/16	3/16	1/4	
	60					1/8	1/8	1/8	1/8	1/8	3/16	3/16	
	70						1/8	1/8	1/8	1/8	1/8	3/16	
	80							1/8	1/8	1/8	1/8	1/8	
	90								1/8	1/8	1/8	1/8	
	100									1/8	1/8	1/8	
	110										1/8	1/8	
	120											1/8	

Note: Cutting all ends of boards prior to installation recommended.

## Fasteners

For ease of installation, our Stowaway fastener fits into the slot on each side of the deck board to eliminate pre-drilling and provide a fastener-free deck surface. The deck boards require traditional fasteners on the outside and inside edges of the deck. Begin by fastening the outside edge of the first board to the rim joist every 16". For this, we recommend using 2-1/2" corrosion-resistant, composite wood deck screws. These screws help minimize the common "mushroom" effect that sometimes occurs when using standard fasteners. They can also reduce the amount of pre-drilling and countersinking.

If using ordinary coarse-thread deck screws, always pre-drill a pilot hole and countersink prior to driving screws. Screws should be driven flush with the surface. Do not over-tighten. Use one fastener per board every 16". For any decking where two boards meet end-to-end over a joist, add additional blocking. Always predrill a pilot hole when fastening within 1-1/2" of board ends, whether using composite or wood screws. Do not over-tighten screws at board ends.

On the other side of the board, place a Stowaway hidden fastener into the slot and center on the joist (fig. 3). Install the preset screw at a 90° angle through the Stowaway fastener and drive flush (fig. 4). Install one Stowaway fastener at each joist location. Slide the next board into place so the wings on the previous fasteners fit into the slot on the side of the board. Make sure the side gap between the boards is 1/4".

To keep the interior boards from moving over time, we recommend pinning the boards at the center of their length using a #8, 2" stainless steel screw. This holds the deck board in place at the center of each board and allows the decking to expand/contract at the ends. Pre-drill in the slot of the deck board with an 1/8" drill bit (fig. 5a). Drive screw into the slot so it's flush with the bottom of the groove (fig. 5b). This will allow you to properly fit a Stowaway hidden fastener into the slot. Install a Stowaway hidden fastener clip over the screw and centered over the joist. Fasten using preset screw at a 90° angle through the Stowaway hidden fastener and drive flush with the clip (fig. 6). The fastener wings must remain level with the joist for the next board to fit correctly (fig. 4).

NOTE: To predrill a groove on one side of deck board, we recommend using a 5/32" T-slot cutter.

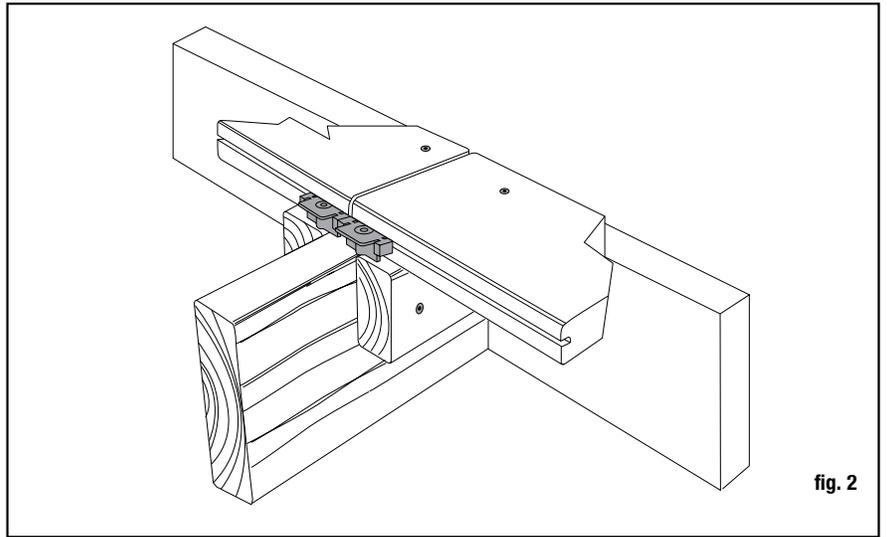


fig. 2

Fasten the outside edge of the first board to the rim joist with screws. Pre-drill and countersink all deck screws, regardless of type, that are within 1-1/2" of the end of the deck board. On the other side of the board, place a Stowaway hidden fastener into the slot and center on the joist.

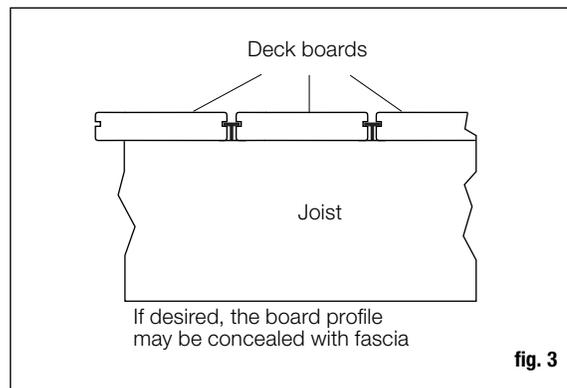


fig. 3

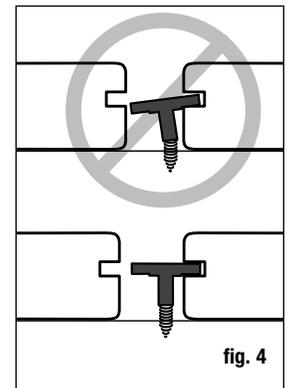


fig. 4

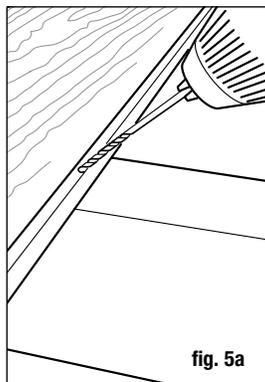


fig. 5a

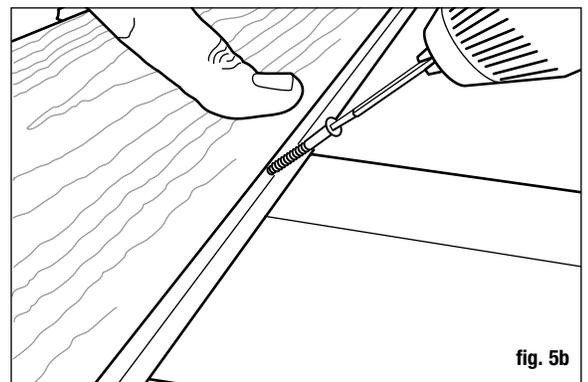


fig. 5b

Install one Stowaway fastener at each joist location along the length of the board. For installations where deck boards are butted end-to-end at the joist, we recommend adding an 8" block and using a Stowaway hidden fastener clip at the end of each board (fig. 7 and fig. 8). Be sure to gap the boards as previously described.

Repeat the process for each board until the outside edge of the final board is fastened with screws. Use fascia to conceal the board profile and inhibit board movement over time. Please refer to the fascia installation instructions for the approved fastening methods for fascia boards. If no fascia is being used, the entire perimeter of the deck should be fastened to the rim joist with screws. Use two screws per joist on the perimeter board. These screws will be inconspicuous once the railing is installed. Decking should be fastened with screws when being used as stair treads.

### Preventing Mold and Mildew Growth

Mold and mildew can be a nuisance on any exterior building surface, regardless of the material. If the conditions are right, they will spawn on wood, plastic, concrete, metal and other surfaces. Mold formation is most prevalent in consistently wet, shaded areas. Spores from the natural environment are carried by the wind and commonly land on deck surfaces. It is important to note that the appearance of mold/mildew is a function of nature, not necessarily a deficiency with any of the material on which it grows.

### Cleaning

Periodic washing with soap/detergent and water will help remove surface dirt. This will also help prevent the buildup of pollen, debris and spores that can cause and accelerate mold/mildew growth.

*CAUTION: A pressure washer should not be used to "blast" mold/mildew or soils from a deck surface. The abrasive nature of the water stream can potentially damage the material by driving the spores into the material, which may create a more challenging problem to remediate. A pressure washer with a fan-tipped nozzle should be used only to lightly wet or rinse wood or composite deck surfaces.*

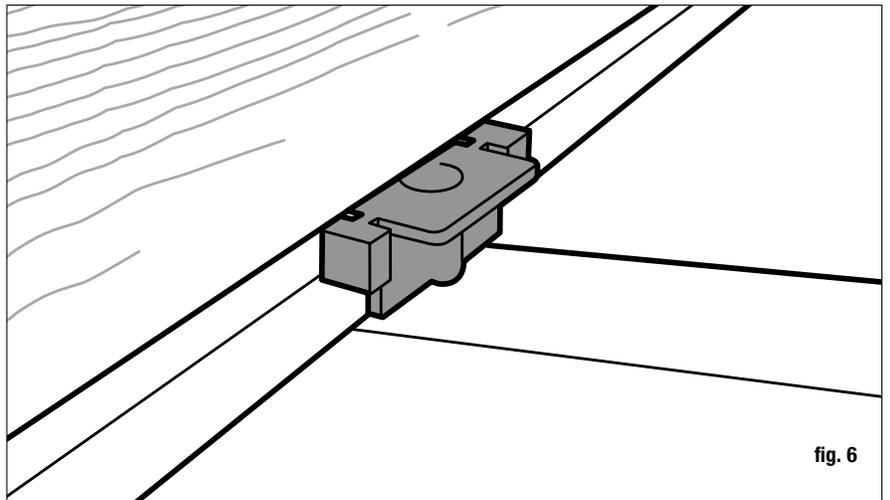


fig. 6

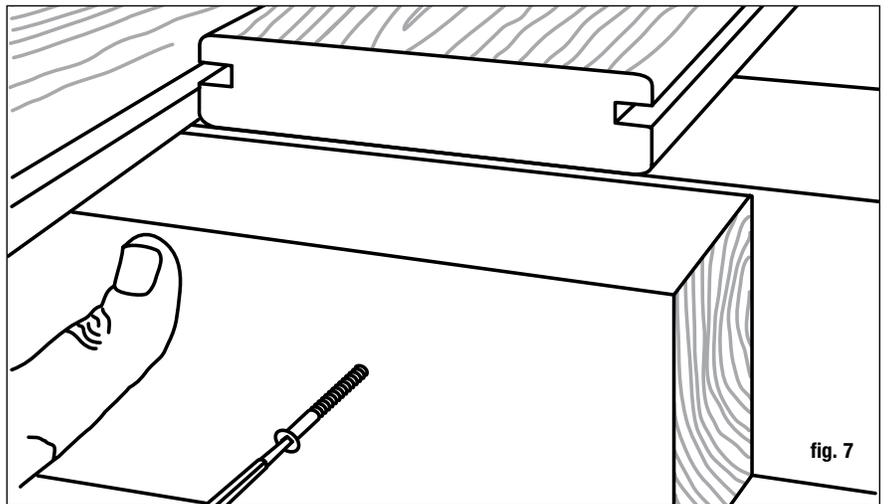


fig. 7

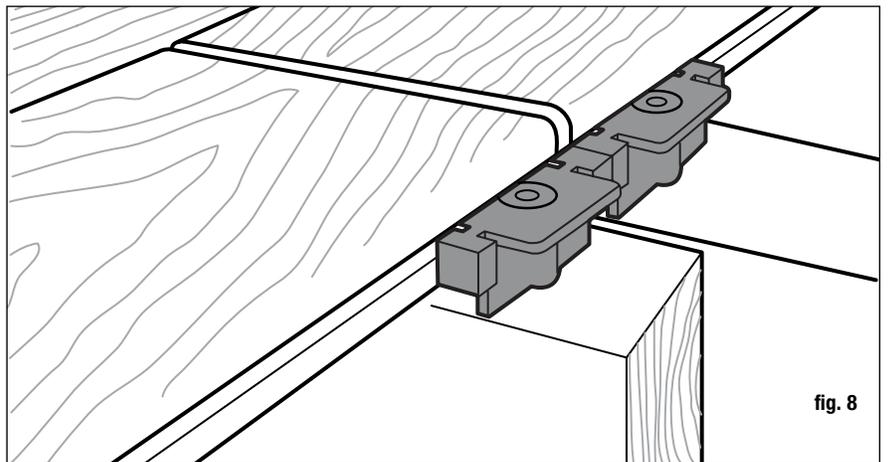


fig. 8

There are many deck wash and exterior cleaning products available at retail stores. It is important to make sure you use a cleaner specifically intended for your application. After selecting a product, be certain to read, understand and follow all instructions supplied by the manufacturer. Some cleaning products and inhibitors may be more effective than others, depending on the environmental conditions your deck is subjected to. Additionally, it is always a good idea to test the cleaner in a small, inconspicuous area prior to applying it to the entire deck.

### Mold Inhibitors

As with deck washes, there are several mold-inhibitor products available from paint stores, hardware stores, online outlets and home centers to help prevent long-term mold/mildew growth. For any product selected, be certain to read, understand and follow all instructions provided by the manufacturer. Depending upon the environmental factors affecting your deck, some preventive cleaning products may be more effective than others. It may be necessary to try more than one. For ongoing preventive maintenance, follow the manufacturer's recommendation.

*Note: Deckorators is not suitable for structural use. It should not be used for primary load-bearing members such as posts, joists, beams or stringers. The same common-sense precautions should be taken when handling Deckorators as with wood or other building materials. Dust masks and eye protection devices are recommended to avoid possible irritation from sawdust and chips. Gloves will help protect hands. Hands should be washed after construction work.*

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