

<p>Application</p>	<p>Installing Composite Decking With Under-Deck Waterproofing Systems</p>
<p>Description</p>	<p>Under-deck waterproofing systems are becoming increasingly popular. When installing these systems, it is important to install them such that they do not create a non-conformance with Fiberon’s written warranty requirements, or an unwarranted condition may result.</p> <p>Fiberon decking is warranted according to the specific terms of our written instructions, atop conventional framing, and with six inches of continuous net free between underside of joists, fascia and grade for adequate ventilation for all decking applications. Installation of porch and deck material with required gapping allows air to circulate between adjacent members to promote drainage and drying. If the requirements cannot be met, then the under-deck system should not be used.</p> <p>Insufficient ventilation is a ‘non-conformance’ with Fiberon’s warranty requirements and may result in excessive heat buildup. This may cause unpredictable and undesirable gapping changes at the ends of boards and between joists as boards expand and contract.</p>
<p>Prior to Installing Composite Decking With an Under-Deck Waterproofing System</p>	<ol style="list-style-type: none"> 1. Ensure product installation and warranty requirements are compatible. 2. Verify the waterproofing system can provide a fast exit of all water, and not create standing water that can encourage mold and mildew. 3. Make sure there a method to clean the troughs of debris that accumulate in gaps between boards and other openings. 4. Consider using shorter boards rather than longer boards: a 12’ board has only 60% of the expected movement of a 20’ board.
<p>Corrective Actions for Existing Issues</p>	<p>For an installed under-deck waterproofing system that is experiencing problems contact the manufacturer of the under-deck waterproofing system.</p> <p><i>For decking with an installed under-deck waterproofing system experiencing problems, excessive gapping or mold and mildew, take the following corrective actions:</i></p> <p>VENTILATION: If you do not have six inches of net free area, add the equivalent six inches or more of net free ventilation. Increasing ventilation may help resolve issues by reducing heat build.</p> <p>GAPPING: Fix any ventilation deficiencies first, and then readjust the location of the deck boards to required gapping.</p> <p>PINNING BOARDS IN PLACE: While boards are warm and the required gapping is achieved, pin boards at each joist, two screws per joist, using a minimum #8 x 2 ½” composite decking screw. Pinning the board will restrict movement and help resolve gapping issues.</p>