



INSTALLATION INSTRUCTIONS

Codes & Standards: Always conform to your local codes and the requirements of all authorities having jurisdiction.

Safety: Protective safety equipment is always recommended, such as eyewear, safety boots, etc.

Tools: Standard wood working tools are recommended while working with Endura Board™ lumber products. These include, but are not limited to: Circular saw or chop saw with carbide saw blade, electric drill, measuring tape, pencil, and square and composite deck screws. For best results use composite-decking screws or stainless steel nails when fastening down EnduraBoard. Pre-drill holes if within 1 ½" of board end, otherwise no pre-drilling is required. No end caps or special tools required.

Substructure: Endura Board™ decking and railing is designed to be installed on conventional wood substructures. Support joists should be installed 16" on center for 90° decking (straight application). Stair stringers should also be installed every 16" on center. Support joists should be installed 12" on center for angled decking.

Storage, Handling & Cleaning: Endura Board™ products should be stored and handled in a fashion that prevents any safety issues. Do not drag Endura Board™ products over abrasive surfaces, which will cause scratching. Endura Board™ deck boards can be cleaned with standard power washers or you can use a brush and water. Standard cleaners can be utilized as well. Remember to clean up shavings; they will not decompose.

Deck Board Installation: Endura Board™ products, like other composite decking products, expand and contract with temperature changes. Railings should span no greater than 4' between posts, if greater use blocking to compensate for sag. 4x4 railing posts should be bolted to substructure using 3/8" carriage bolts. For deck floor allow a 1/4" space between side of building and deck, leave an 1/8" gap between the sides of the deck floor and for every 12' of deck board allow 1/8" space, or 1/4" between two 12' butted ends for every 20°F of temperature difference at the time of installation and the maximum expected temperature in your area. Always double joist whenever butting end-to-end. Utilize the information below to determine the proper spacing. Lighter colors do not heat up as much in the sunlight and therefore have less expansion and contraction making them more preferable for decks in very sunny locations.

Current Temperature	Maximum Expected Temperature				
	80°F	90°	100°	110°	120°
40°F	1/4"	5/16"	3/8"	7/16"	1/2"
50°F	3/16"	1/4"	5/16"	3/8"	7/16"
60°F	1/8"	3/16"	1/4"	5/16"	3/8"
70°F	3/32"	1/8"	3/16"	1/4"	5/16"
80°F		3/32"	1/8"	3/16"	1/4"
90°F			3/32"	1/8"	3/16"
100°F	End spacing	For one 12'	board	3/32"	1/8"

Cutting and Fasteners: Rip cutting can be performed, however due to the difference in tension between outer skin of the board and the boards center it may bow slightly. It can be bent back and screwed into place or you can rip the board on both sides to prevent any bowing. For example, to reduce a 5 ½" wide board to 3 ½", rip 1" off of each side. Installation can be performed with screws down through the Endura Board™ deck boards into the joists as well as fasteners from underneath. If utilizing hidden fasteners from underneath the deck boards make sure you read the instructions of the fasteners completely before installing.

Customer Has Read & Understands Installation Instructions:	Signature: _____ Date: _____
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