

EASY Installation

CEVN decking must be installed using the same good construction principles used to apply wood or composite decking and in accordance with local building codes and these installation instructions. INTEPLAST claims no liability or responsibility for the improper installation of our deck products.

Important Information. INTEPLAST does not recommend the use of rubber or vinyl products (welcome mats, planters, etc.) on CEVN deck boards. A reaction can occur that causes discoloration of the decking under the rubber/vinyl product. This is common caution for vinyl decking products.

- Do Not nail CEVN deck boards
- Maximum cantilevering distance of 1"

Our deck boards are designed to mimic the look of real wood, and as a result may present a slight difference in color and grain pattern from board to board. This is intentional and part of the manufacturing process, giving CEVN decking the most realistic and wood-like appearance possible. This has no affect on the performance of the product.

- CEVN deck boards are not meant to be used for structural applications, supports, or beams, etc.

Preparation. CEVN decking will cut and screw similar to standard wood products. When cutting CEVN decking, it is recommended to use a 40-tooth Carbide thin kerf finish blade for best results. Safety glasses should be worn during the entire installation process. Corded or cordless screw guns may be used for fastening.

Expansion and Contraction. CEVN deck boards have minimal expansion and contraction with changes in temperature. Expansion and contraction are most significant where extreme temperature change may exist. These changes are most significant during the installation process. A best practice is to cut and fasten the deck boards as soon after cutting as possible.

Deck boards that are face fastened using 2 fasteners per joist will have minimal expansion and contraction.

BOARD SPACING		
AMBIENT TEMPERATURE	BUTT ENDS	SIDE TO SIDE
Below 32°F	1/8"	1/8" – 3/16"
Above 32°F	No Space	1/8" – 3/16"

Approximate expansion and contraction for unattached deck boards based on a 50°F temperature change:

Unattached Length	Board Gap
12ft	3/16"
16ft	1/4"
20ft	5/16"

Fastening. A high quality fastener is recommended that meets the following specifications. Face fastening CEVN deck boards require two fasteners at each joist member. When fastening at the ends of the board, be sure to locate the fasteners within 1/2" from the ends. Do not use glue or caulk to fasten CEVN deck.

- **Butt joints** require two fasteners at the ends of each deck board at each butt joint location. Butt joints should be staggered throughout the deck.
- **Helpful tip:** Avoid butt joints when possible by adding a breaker board and using full length boards.
- **Fasteners** must meet the specification of the treated substructure used for the installation of CEVN decking.
- **Stainless Steel**
 - **Minimum** Screw Size - #8
 - **Minimum** Length – 2 1/4"
- **Color matched stainless screws** are available from your CEVN dealer.
 - Headcote™ Composite Screws

*Note: when backing out a screw, use a low torque setting to avoid snapping of the screw head

Hidden Fasteners. Hid-Fast or Tiger Claw™ TC-3S allows for a smooth, screw-free surface finish. Hid-Fast & TC-3S are the only hidden fasteners approved for CEVN deck products. Ask your CEVN dealer for more information on the Hid-Fast or Tiger Claw™ fastener.

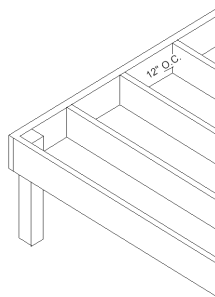
Proper Ventilation. To reduce moisture build-up beneath the deck structure, there must be a minimum of 12" between the substructure and the surface below. Moisture build-up could have an effect on the performance of substructure components and could have a cosmetic effect on the deck surface.

Fascia. CEVN's fascia board must be fastened using 3 Headcote™ Composite Screws every 12" on center. Screws should be installed 1 1/2" from the top and bottom edges, along with a screw in the center. For best results, install fascia under the bottom surface of the deck board and allow the deck board to bull nose over the fascia edge. This method will keep moisture and debris from collecting between the fascia board and the rim joist.

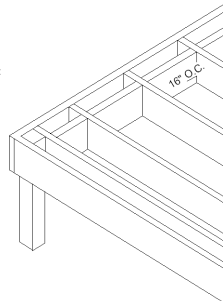
Joist Spacing. When applying CEVN decking on an existing structure, check to make sure all joists are level and structurally sound, with no nails or screws protruding. Joists must be spaced for proper installation and must be blocked if lengths exceed 8'.

- Do not exceed 16" center to center joist spacing for applications with CEVN deck boards perpendicular to joists.
- Wherever CEVN deck boards are installed end to end, a double joist is required to fasten the deck boards to the joists.
- Do not exceed 12" center to center joist spacing for commercial applications.
- For deck boards on a 45° or 30° angle, such as a herringbone pattern, the joists should not exceed 12" center to center.
- CEVN decking should never be used for a support or component of railing systems.

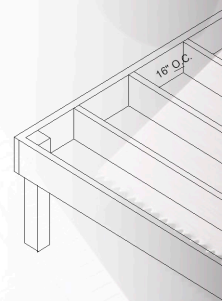
JOIST SPACING			
100 psf	90° ANGLE	30° ANGLE	45° ANGLE
	16"	12"	12"



Diagonal:
Joists: 12" O.C. max
for angle decking.

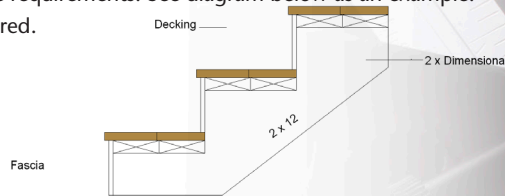


Picture Frame:
Joists: 16" O.C. max with
additional support.
12" O.C. for commercial
applications.



Basic Substructure:
Joists: 16" O.C. max
Commercial: 12" O.C. max

Stair Installation. Construct stairs per local code requirements. See diagram below as an example. Proper support beneath the deck boards is required.



CEVN™

Better decking, any way you look at it.™



INTEPLAST

Visit www.cevndecking.com for more information