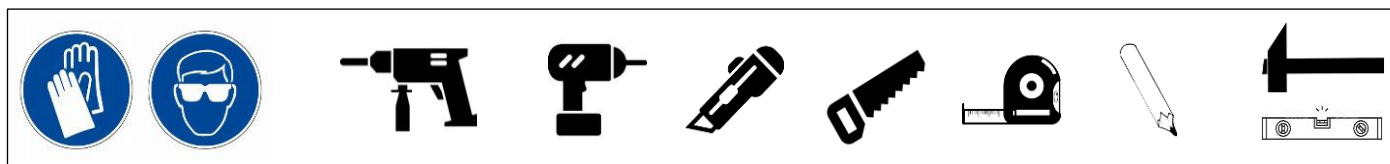




INSTALLATION GUIDE

TOOLS REQUIRED & SAFETY



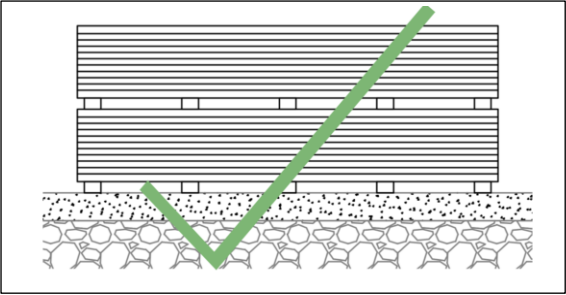
DECKING, FASCIA, AND FASTENING COMPONENTS

HOLLOW DECKING	SKU # DK16HIR Size: 0.9"x5.4"x192.1" 23x138x4880mm Color: Ironwood 	SKU # DK16HMA Size: 0.9"x5.4"x192.1" 23x138x4880mm Color: Mahogany 	SKU # DK16HRB Size: 0.9"x5.4"x192.1" 23x138x4880mm Color: River Birch 
	SKU # DK16HSO Size: 0.9"x5.4"x192.1" 23x138x4880mm Color: Silver Oak 	SKU # DK16HTE Size: 0.9"x5.4"x192.1" 23x138x4880mm Color: Teak 	
SOLID DECKING	SKU # DK16SIR Size: 0.9"x5.5"x192.1" 23x140x4880mm Color: Ironwood 	SKU # DK16SMA Size: 0.9"x5.5"x192.1" 23x140x4880mm Color: Mahogany 	SKU # DK16SRB Size: 0.9"x5.5"x192.1" 23x140x4880mm Color: River Birch 
	SKU # DK16SSB Size: 0.9"x5.5"x192.1" 23x140x4880mm Color: Silver Oak 	SKU # DK16STE Size: 0.9"x5.5"x192.1" 23x140x4880mm Color: Teak 	
FASCIA	SKU # DK12FIR Size: 0.6"x11.5"x144.1" 15x292x3660mm Color: Ironwood 	SKU # DK12FMA Size: 0.6"x11.5"x144.1" 15x292x3660mm Color: Mahogany 	SKU # DK12FRB Size: 0.6"x11.5"x144.1" 15x292x3660mm Color: River Birch 
	SKU # DK12FSO Size: 0.6"x11.5"x144.1" 15x292x3660mm Color: Silver Oak 	SKU # Size: 0.6"x11.5"x144.1" 15x292x3660mm Color: Teak 	
ACCESSORIES	SKU # Starting Clip/Clip Screw 4x25 	SKU # Plastic Clip/Clip screw 4x35 	SKU # Fixing Clip/Clip screw 4x30 

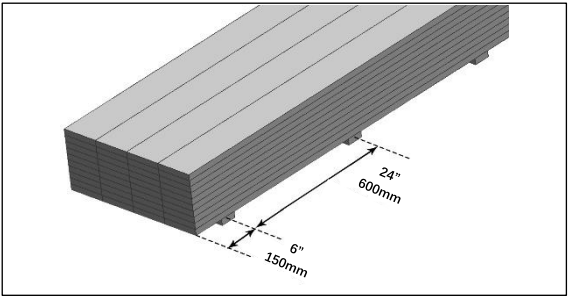
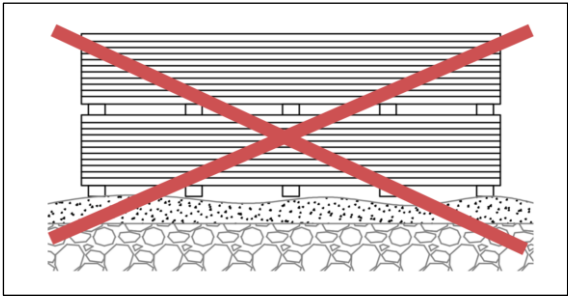
QUICK GUIDE

- SITE STORAGE REQUIREMENTS
- VENTILATION AND AIR FLOW
- SUPPORT JOIST
- GAPPING REQUIREMENTS
- DECKING INSTALLATION STEPS
- FASCIA AND STEP BOARD INSTALLATION
- REMOVE THE BOARDS
- CLEANING AND MAINTANANCE

SITE STORAGE REQUIREMENTS

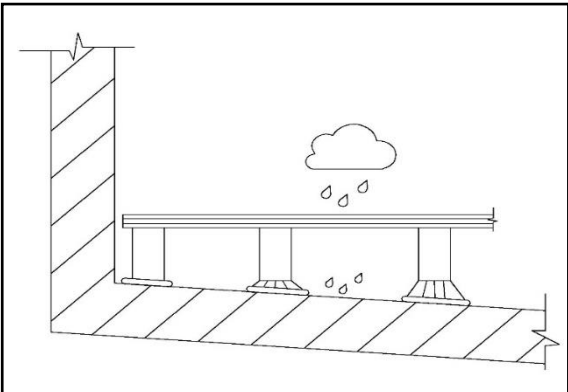
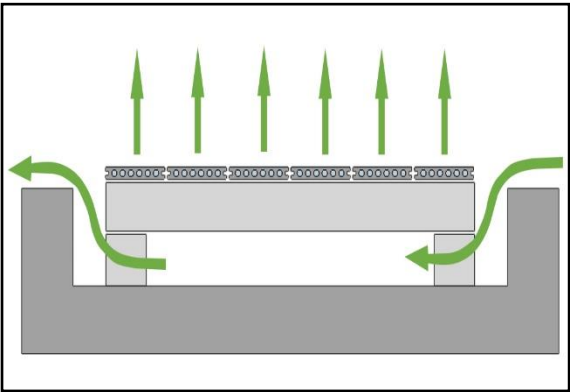


You must support the boards on a flat and level surface. Do not store the boards directly on the ground; the supports should start approximately 6" (150mm) from each end. You must adjust the support blocks accordingly when supporting the boards. The supports should start at each end and be spaced no more than 24" (600mm) center to center. The supports should line up vertically with the decking.



If building or renovations are taking place, cover the boards to prevent concrete or gyprock dust from getting on them. We recommend installing your new deck only after all other work has been completed.

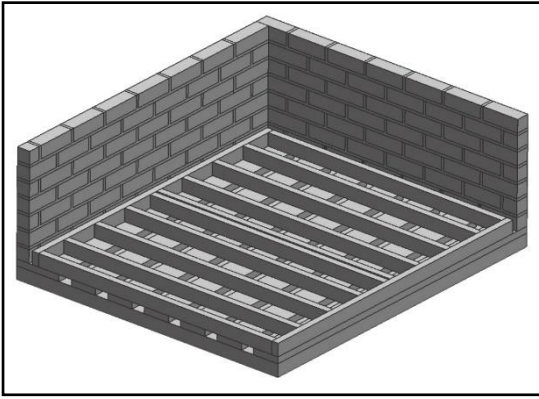
VENTILATION AND AIR FLOW



Decking must be installed on the joists to ensure there is adequate and unobstructed airflow beneath the decking, preventing excessive water and moisture build-up. The boards should have at least 3.5" (90mm) of ground clearance to allow for good airflow and ventilation under and through the decked area. Address drainage slope to avoid water pooling.

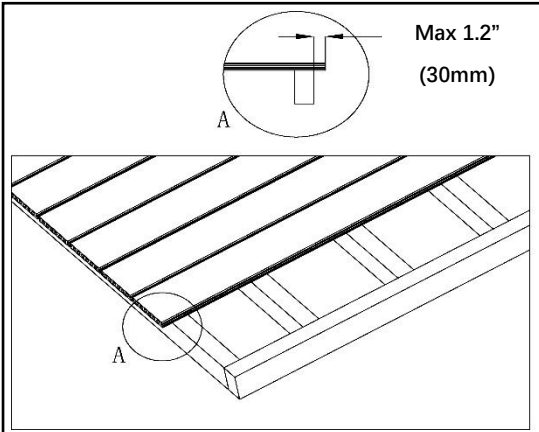
SUPPORT JOIST

JOIST SPAN CHART (Center to Center)			
Deck Board Type	Installed angle	Residential Deck	Commercial Deck
Solid & Hollow	90°	16" (400mm)	16" (400mm)
Solid & Hollow	45°	12" (300mm)	12" (300mm)



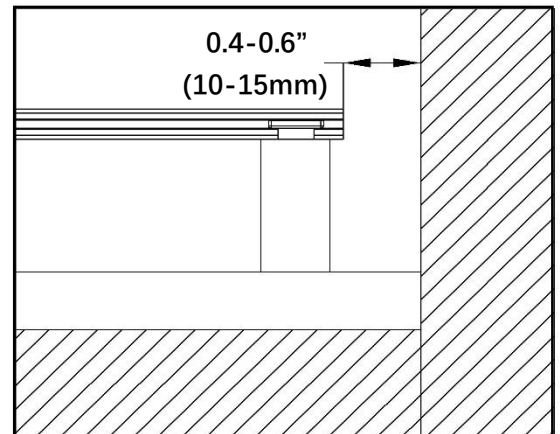
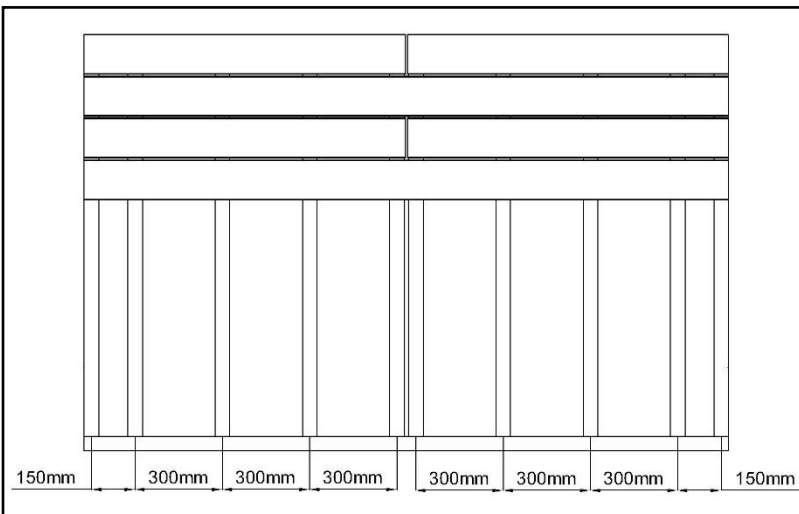
For elevated decks, please ensure compliance with building regulations regarding structural calculations.
You can choose the joist material: wood, aluminum, or steel.
Attach the joists to create a frame.

Ensure the substructure does not restrict airflow.
In angled decking patterns, the span should be smaller than standard, as stated in the table above.



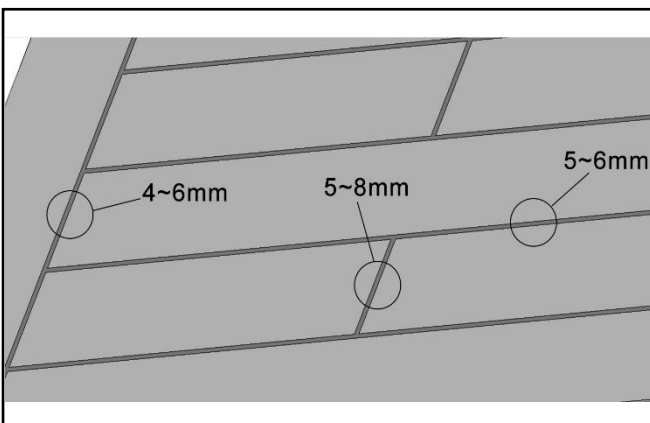
In all cases, decking board must not overhang joists by more than 1.2" (30mm).
0.4-0.6" (10~15mm) gap is required when abutting walls.

When boards are butted up together, a full-length double joist must be used to support the boards.
The span of the first and end joists should be 5.9" (150mm).



GAPPING REQUIREMENTS

Gapping is necessary for drainage and the expansion/contraction of the boards and joist system.



Width to Width Gap

0.2-0.24" / 5~6mm

End to End Gap

Above 41°F/5°C	1/5" or 5mm
Below 41°F/5°C	3/10" or 8mm

End to Width Gap

Above 41°F/5°C	1/6" or 4mm
Below 41°F/5°C	1/4" or 6mm

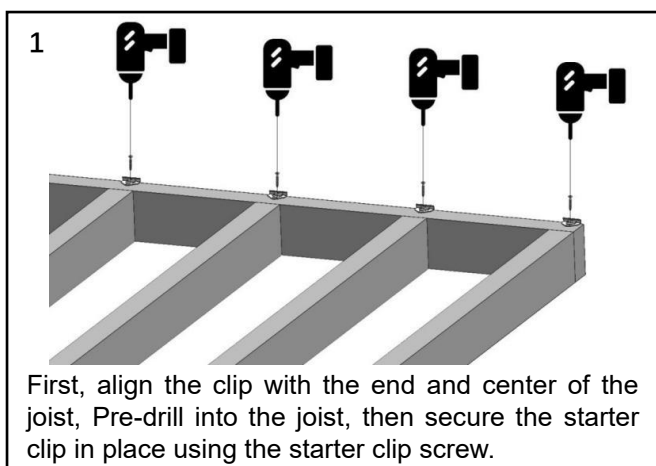
DECKING INSTALLATION STEPS



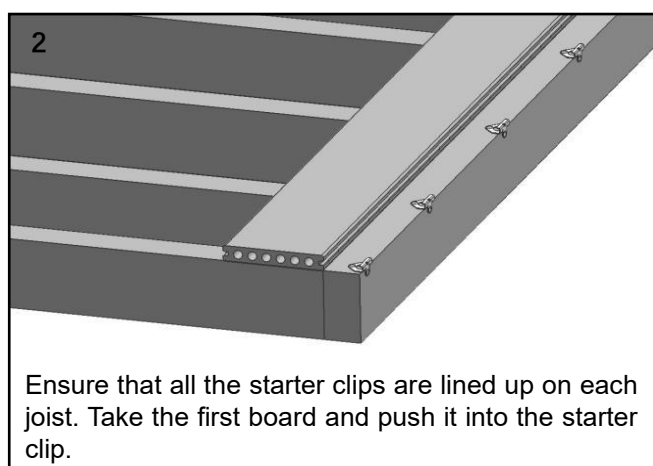
TIPS:

- Plan your decking design before starting the installation.
- Our decking features mixed colors and a natural, dynamic appearance, with each board having a unique blend.

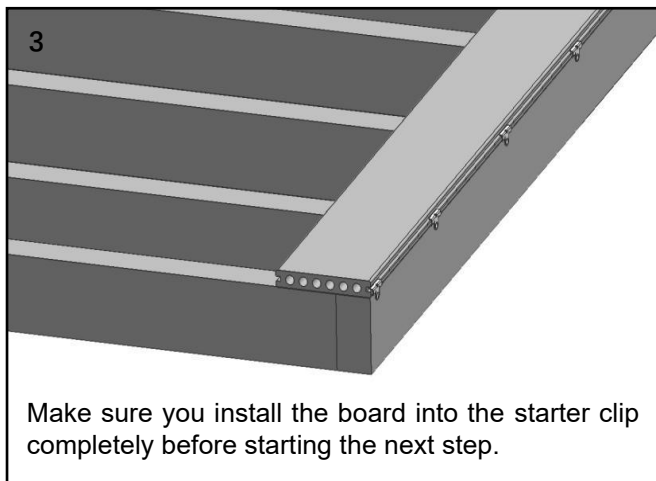
Line up the boards, mixing and matching those with different color variations to create a random and rich look that you like. Then, begin the installation according to your design.



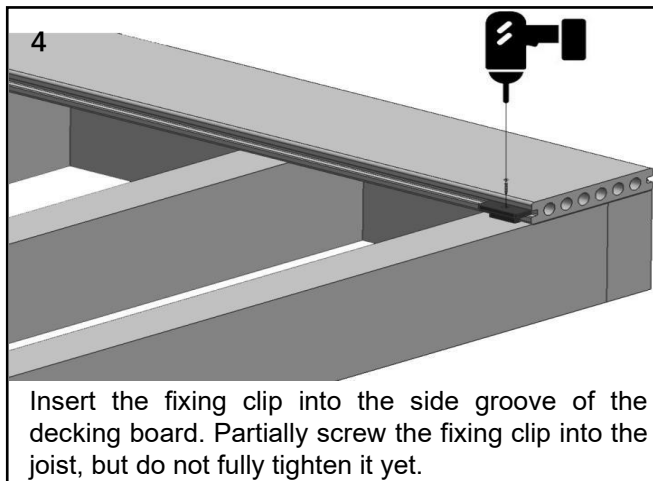
First, align the clip with the end and center of the joist, Pre-drill into the joist, then secure the starter clip in place using the starter clip screw.



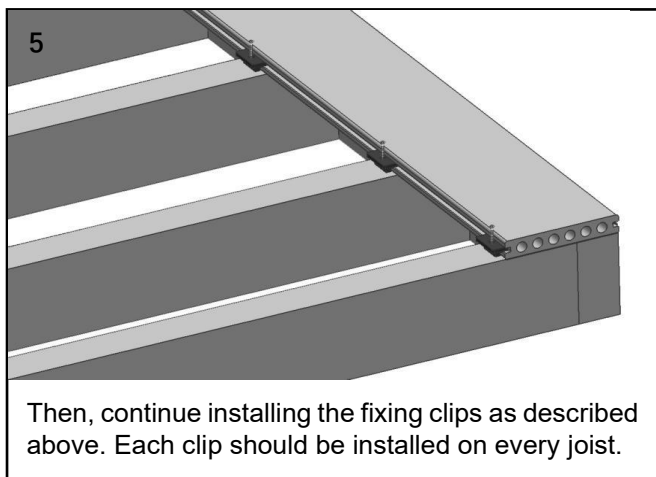
Ensure that all the starter clips are lined up on each joist. Take the first board and push it into the starter clip.



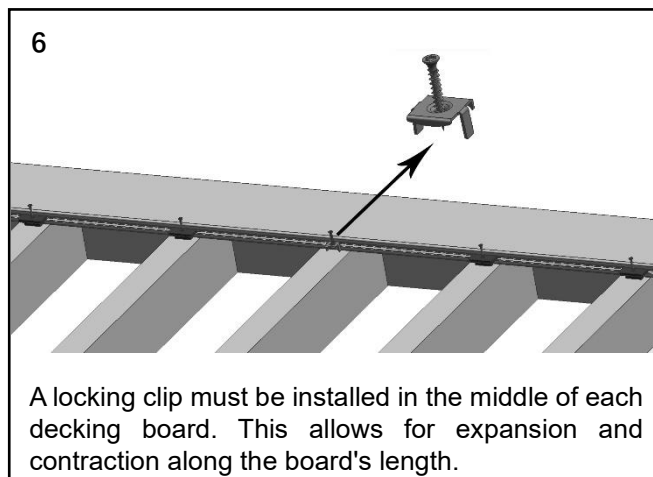
Make sure you install the board into the starter clip completely before starting the next step.



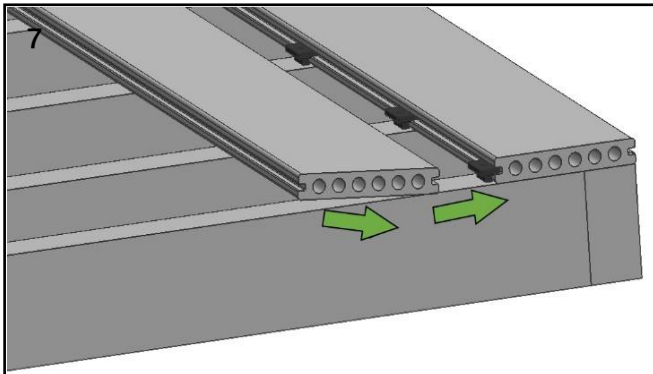
Insert the fixing clip into the side groove of the decking board. Partially screw the fixing clip into the joist, but do not fully tighten it yet.



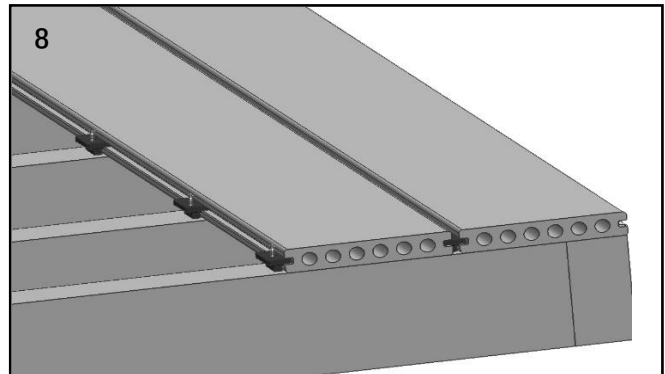
Then, continue installing the fixing clips as described above. Each clip should be installed on every joist.



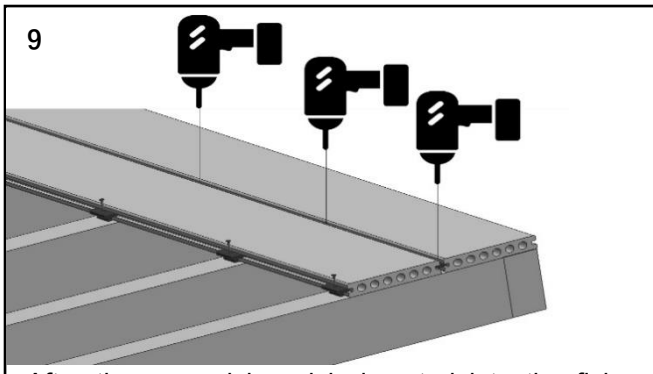
A locking clip must be installed in the middle of each decking board. This allows for expansion and contraction along the board's length.



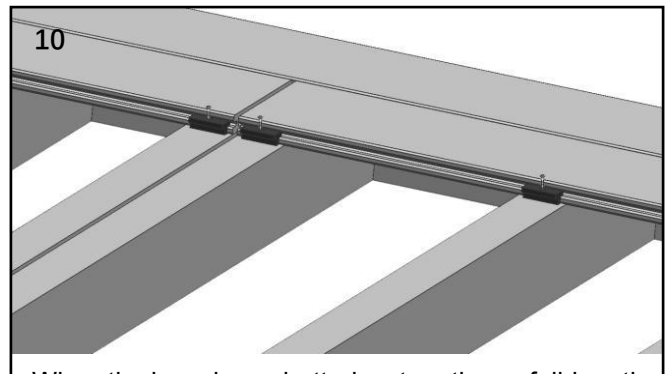
Take the second board and slide it into the fixing clips.



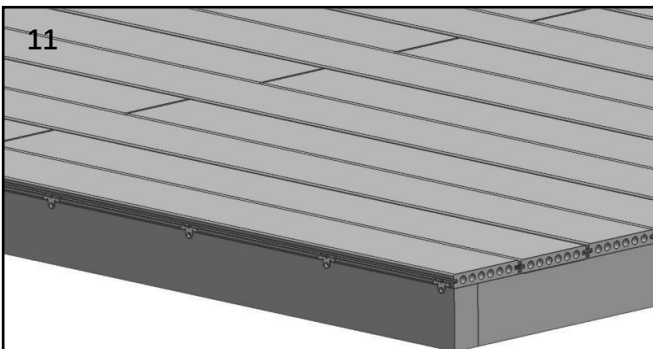
Install the fixing clips in the next row, following steps 4 to 7.



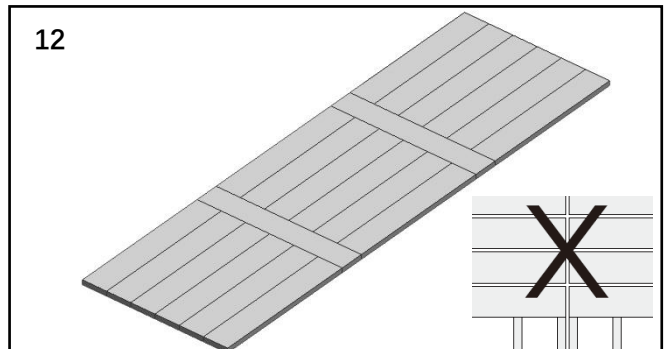
After the second board is inserted into the fixing clips, fully tighten the fixing clips in the first row. Then, continue with the installation as follows.



When the boards are butted up together, a full-length double joist and fixing clips must be used to support the boards.

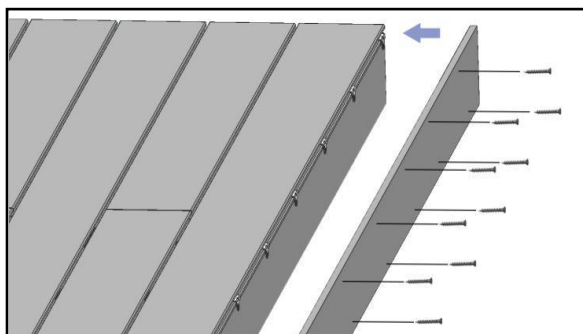


Screw the end clip onto the last board.



Installing in a parallel abutting design is not recommended. It is advisable to install breaker boards, as shown, when the deck is too long.

FASCIA AND STEP BOARD INSTALLATION

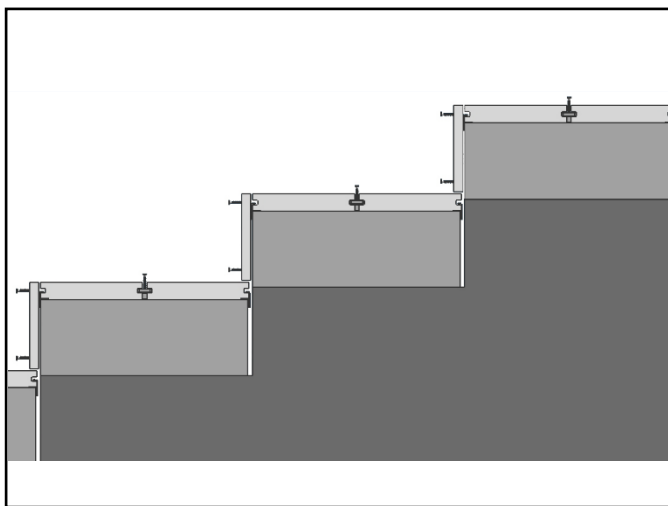
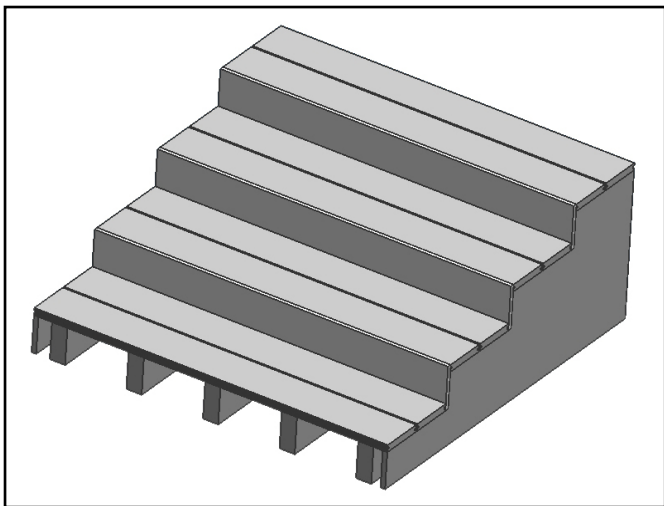


The fascia board must be installed onto the joist; always pre-drill first. Drill larger holes to allow for expansion and contraction.

The screws for the fascia board should be longer than 2.4" (60mm), which can be found at a construction shop.

The distance between screws must be $\leq 15.7"$ (400mm). Use two screws per joist, positioned $\leq 1.0"$ (25mm) from the edges of the fascia board.

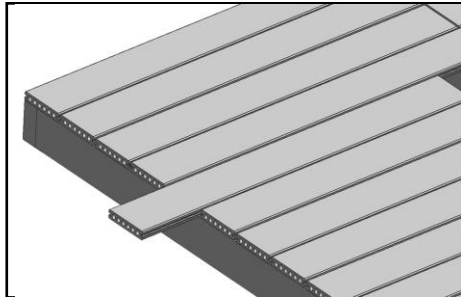
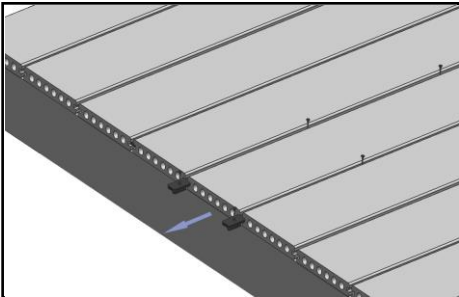
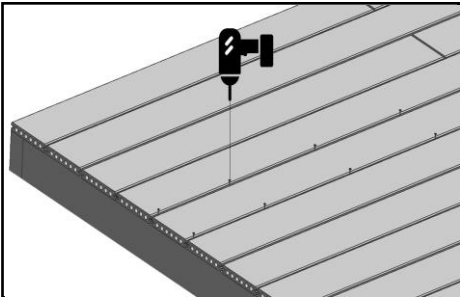
The fascia board must be gapped with the same requirements as the decking to allow for airflow and expansion/contraction. The length of the fascia board should be controlled to ≤ 78.7 inches (2 meters).



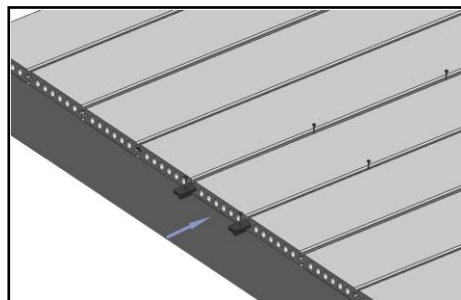
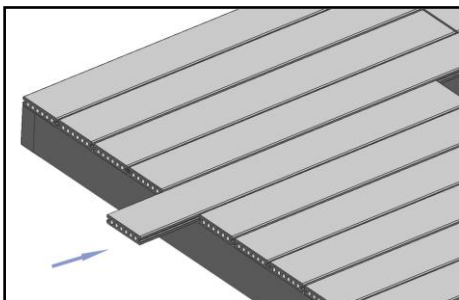
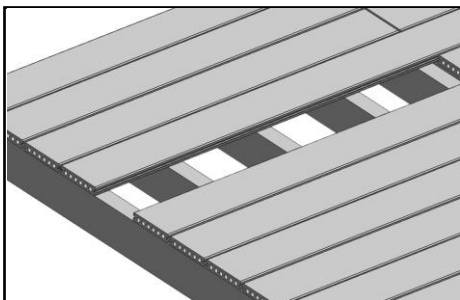
Screw in the starter clip first, then install the boards following the decking installation steps. Use the end clip to secure the last board. Finally, attach the fascia board, ensuring the gap meets the same requirements as the

REMOVE THE BOARDS

Unscrew all the fixing clips that are attached to the board on both sides. Slide the fixing clips out, then remove the board.



Slide the new board and fixing clips back into the original position, then re-screw the fixing clips onto the joists.



CLEANING AND MAINTANANCE

The decking boards will require regular maintenance to clean and remove dust. We suggest cleaning the boards every month using a spray nozzle hose, soapy water, or a cleaner, along with a soft brush.

PROBLEM	SOLUTION
Dirt and Debris	Use warm soapy water and a soft brush to remove dirt and debris from the embossed pattern.
Oil, coffee, and food	Food must be removed immediately. The surface should be cleaned within three days. Use warm, soapy water or a cleaner along with a soft brush to remove any residue.
Ice and Snow	Use a plastic shovel to remove snow from the boards. You can use calcium chloride or rock salt to melt the snow and ice on the board's surface.
Mold and Mildew	Dirt, pollen, and plant debris mixed with water can remain on the board's surface, leading to the growth of mold and bacteria. Use warm, soapy water and a soft brush to remove mold and mildew from the board's surface.



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