

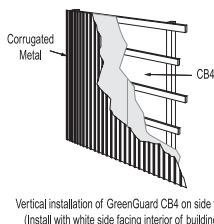
CB4 CONDENSATION BOARD INSTALLATION GUIDELINES

How to install on sidewalls.

Install GreenGuard® CB4 vertically or horizontally on a sidewall using the following steps:

A. To install vertically

1. Measure the length of sheet required and pre-cut each sheet to the desired length.
2. Install each sheet starting with attachment at the top of the wall and proceed down the wall.
3. Use 1/2" staples or self-tapping screws (for metal framing) to attach CB4 to the girts, with spacing at approximately 12" on center.

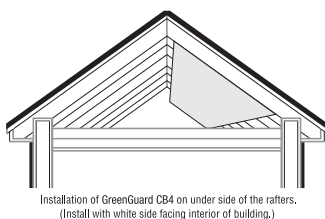


B. To install horizontally

1. Snap a chalk line along the length of the wall to establish a straight edge before installing the first course of CB4. The line should be positioned so that approximately 3" of it extends below the top of the foundation.
2. Attach the board by starting with the first course at the lower corner with the first 2' x 4' panel wrapped around the corner. The top edge of CB4 should be aligned with the chalk line, resulting in a 3" overlap of the foundation.
3. Unfold the bundle to the right along the wall to the adjacent corner. Install the upper course(s) once the first course has been installed.
4. Use 1/2" staples or self-tapping screws (for metal framing) to attach the board to the girts, with spacing at approximately 12" on center.
5. Continue to work along the wall, attaching the board while unfolding the bundle or pre-cut sheet.
6. Tape the seams using the steps under the "How to Tape Seams" section.

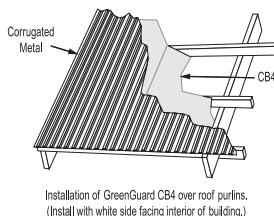
How to install on the bottom side of roof trusses.

1. Measure the distance from the top edge of the wall to the roof ridge and cut a sheet of CB4 to the desired length.
2. Attach CB4 to the bottom of the rafters or purlins using 1/2" staples or self-tapping screws (for metal framing) spaced approximately 12" on center.
3. Continue installing adjacent courses of CB4 parallel to the previous courses.
4. Tape the seams using the steps under the "How to Tape Seams" section.



How to install over roof purlins.

Install GreenGuard CB4 parallel or perpendicular over roof purlins using the following steps:



1. After trusses are set, make a final check to ensure that the trusses have not been pulled out of line.

WARNING: The CB4 surface can be slippery, so care should be taken when standing or walking across it. Appropriate safety precautions for working on roofs should be taken to prevent falls.

2. Start at one end of the roofing framework to begin installation of the CB4 sheets. CB4 can be installed using one of the following methods:

A. To install parallel to the purlins CB4 is designed to allow for all seams to be aligned with purlin locations so that no seams are visible from the building interior. The 4' width of CB4 is attached to the purlins that run parallel to the roof ridge (typically spaced either 2' or 4' apart). CB4 can be attached to wood purlins using staples that penetrate the purlin a minimum of 1/2" or can be attached to metal purlins using minimum 1/2" long self-tapping screws. The seams on the top, green side of CB4 can be overlapped or butted together and taped to prevent condensation. (Contact Pactiv Building Products for a list of acceptable tape products.)

B. To install perpendicular to the purlins, CB4 is installed by aligning the sheets perpendicular to the purlins so that the length of the sheet extends toward the roof ridge and each CB4 fold is located on a purlin (every 2'). CB4 can be attached to wood purlins using staples that penetrate the purlin a minimum of 1/2" or can be attached to metal purlins using minimum 1/2" long self-tapping screws. The seams on the white, interior side of CB4 can be overlapped or butted together and taped to prevent condensation. (Contact Pactiv Building Products for a list of acceptable tape products.)

3. Continue working along the roof, installing consecutive CB4 sheets parallel to adjacent sheets, making sure that all seams are overlapped or butted together and taped. (Refer to the "How to Tape Seams" section.)

IMPORTANT: Use caution when walking across the roof where CB4 has already been installed, taking care to step on supported locations only. (Use fastener penetrations as a guide or use a chalk line to indicate supported locations.)

How to tape seams.

1. All CB4 seams should be butted together. Contact Pactiv Building Products to obtain a list of approved tapes. (DO NOT USE DUCT TAPE.)
2. All surfaces should be clean and dry prior to installing the tape in accordance with the tape manufacturer's instructions. Use a tape width that is sufficient to cover the seam between adjacent sheets.
3. When applying the tape, use a squeegee or other flat edge tool to press the tape against the CB4 to ensure a tight seal.

Taping seams may not always be necessary in buildings where condensation is not a concern. Overlapping edges or installing edges behind girts or purlins is sufficient. But, in buildings used to house animals or to store food, seed, or vegetables, the humidity is higher and taping seams is recommended.



CB4 CONDENSATION BOARD INSTALLATION GUIDELINES

Compliance—CB4 Condensation Board complies with all relevant building codes. For the most current compliance information, go to green-guard.com.

GreenGuard® Disclaimers

- **WARNING:** Foam insulation will ignite if exposed to fire of sufficient heat and intensity. Protect these products from exposure to open flame or other ignition sources during shipping, storage, and installation.
- GreenGuard CB4 may be left uncovered only in post-frame buildings which are not routinely occupied by humans. Such buildings may include those used for animal containment, storage of crops, or equipment. All ignition sources must be kept far enough away from all combustibles, including CB4, to prevent fire. If proper distance cannot be maintained, CB4 must be protected by an appropriate ignition barrier whenever the ignition source is active.
- Moisture Management of GreenGuard Foam: GreenGuard extruded polystyrene foam insulation (XPS) is made of synthetic materials that are generally recognized as not providing a food source for insects, fungus, mold, or mildew. GreenGuard foam insulation should always be properly installed and stored.
- Pactiv Building Products believes the information and recommendations herein to be accurate and reliable. However, since use conditions are not within its control, Pactiv Building Products does not guarantee results from use of such products or other information herein and disclaims all liability from any resulting damage or loss. NO WARRANTY, EXPRESS OR IMPLIED, IS GIVEN AS TO THE MERCHANTABILITY, FITNESS FOR PARTICULAR PURPOSE, OR OTHERWISE WITH RESPECT TO THE PRODUCTS REFERRED TO.

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