The CecoLock Roof System offers considerable from Ceco's standard ribbed roof panels. Because of the unique method used to join panels at the seams, and how they fit to the structural, each panel has a male and female side rib. The female side rib is worked over the male rib to provide structural integrity. A concealed clip is used to secure the panel to the structure. This clip hooks over the male rib of the roof panel and is connected to the structure by means of screw fasteners, eliminating through-panel fasteners at purlins. Through-panel fasteners are used only at panels, ridge cap, and valley. CecoLock panels are made up in a straight line on a continuous run of purlins. CecoLock panels are factory notched both ends, theory having no panels of length and requiring no tailing rib or leaf at expansion and contraction. The notching procedure is similar to the roof panel, except it is necessary to sheet the entire area of the building and install roof panel on each end of panels as you proceed from one end of the building to the other.

A true seam at panel sheath is made with an electric shearer called the "CecoLock shearing tool." This tool shears the panel side ribs and comprising them against a vertical rib (stamping) in one operation. TheCecoLock panel together and forcing the joint using the manufacturing procedure with the shearing tool. Caution: It is extremely important to the building and the CecoLock system not to be used before starting installation of the CecoLock roof system. The building is not safe. It is not possible to make use of the building in its present state.

Do not cover panel stacks with weather or tarps until you have secured them in a position to prevent wind damage. Secure re-stacked panels with wire ties 4'-0" on center. The following procedures must be followed exactly:
1. Panel bundles must be placed over a main frame. Never locate a bundle over a Jack header, Jack truss, or any place between frames where the weight of the bundle will be supported only by the purlins.
2. All safe frames including splice, purlin, and brace do not need to be installed. Fasten all frames securely and make sure the joints are aligned correctly.
3. Install wood blocking to fit tightly between all purlins from eave to eave. This blocking will be located under the panels which support the panel bundles. Secure purlin bundles to roof to prevent movement.
4. Remove wood blocking after the bundles are off roof and before installing roof panel.

Cececolor Panel Bundles on Roof

First step of sheeting:
A. Place deck up so that the side rib is lined up with the side angle.
B. Install one temporary screw through the panel into the eave angle to secure the panel in place. Keep panel fastened from moving or turning in the roof rhino positions.
C. Install three temporary screws through the panels into the eave angle to secure the panel in place. Keep panel fastened from moving or turning in the roof rhino positions.
D. Remove wood from the side of the panel, install clip, and fasten panels together. After the panels have been installed, remove the temporary screw from the side rib of the panel.
E. Reinstall the panel clip and fasten the panel to the eave angle. Remove the temporary screw from the side rib of the panel. After the panels have been installed, remove the temporary screw from the side rib of the panel.