

Always wear personal protective equipment when handling materials.

- **PRE-DRILLING** of fastener and stitch screw holes will greatly reduce application time, improve appearance and provide for better side lap sealing.
 - Stack panel of like lengths in piles of 10 sheets. Take care to not damage the ends. Drill holes with 1/8" drill bit. Screw spacing will be as follows:
 - Panels will be installed opposite of prevailing wind
 - Start field screws 3 inches from the edge
 - Remaining field screws will be every 24 inches
 - Stitch screws will be every 12 inches, in line with the field screws, directly in the top center, of every overlapping panel only. (This rib will become the trailing edge of the panel.)

- **FASTENING** of roof panels to plywood sheeting is accomplished with #9 or #14 x 1" or 1-1/2" woodgrip screws with neoprene washers through the 1/8" pre-drilled holes in the panel. Do not squash the neoprene sealing washer. The washer should be in firm contact with the panel only. Over tightening may cause "canning effect" on panels as it is put in place.

- **SEALER TAPE** is recommended between all roof panel side laps and end laps. The sealer tape may be installed either, on the ground, as the panels are taken from the bundle, which is the simplest; or, on the roof as the panels are in place.

- **STITCHING** of the panel side laps is accomplished with a 3/4" stitch screw through the pre-drilled holes in the overlap rib using a screw gun with an adjustable clutch. The screw must be allowed to drill its own hole through the under lap rib. Do not force the drill. Forcing may cause the underlap rib to be pushed down, resulting in offset holes and misalignment, which prevents a positive seal.

- **SWEEP** or wipe drill trailing from panels. Bare steel particles can cause rust stains overnight.

- **CUTTING TO LENGTH** – If you need to cut a panel, it is suggested you use aviation snips, left cutting/red handled and right cutting/green handled or metal shears. Be sure to wear gloves, as well as, eye and ear protection.

- **CUTTING HOLES** – If holes need to be cut in the center of the panel, start the hole by striking a screw driver through the panel with a hammer and make a slit enough to work your snips.

- **PITCH REQUIREMENTS** – A 3/12 pitch is the minimum pitch for a NorStar, Husky, EZ Snap or High Rib panel. . If any panels are installed on a 3/12 pitch or less, it is recommended, [Owens Corning WeatherLock](#) is utilized as an underlayment on the entire roof.