

Cautionary Notes

1. Be sure the structure is checked by an independent engineer to determine if it can carry the additional dead load of the new panel and clips. Make the necessary modifications to bring the structure into compliance before starting the retrofit.
2. Be sure that the existing vapor barrier is sound. IF the existing roof is the vapor barrier then it must be adequately patched to prevent moisture accumulation in the new cavity or the cavity has to be adequately ventilated to prevent moisture buildup.
3. Clips screws must have adequate length to penetrate the new insulation over the existing roof and its insulation and protrude a minimum of three threads past the secondary structural steel.
4. Unfaced insulation is recommended in the cavity with spacer blocks if necessary. See chart in product application guide for recommended insulation/clip standoff combinations. Spacer blocks must be used if no insulation is present in the cavity.

ALL WORKERS MUST COMPLY AND FOLLOW ALL OSHA RECOMMENDED JOBSITE SAFETY PROTOCOLS AND GUIDELINES

Existing Roof



Remove existing LTPs and fill void with sealed panels.

Existing Roof with Skylight



Remove Skylight - **Observe proper OSHA safety protocols during process**



Skylight Repair with Metal Panel



Panel Layout

Choose the layout to avoid the existing panels major ribs at the clip attachment points. Check the existing roofs modularity to be sure to know where correction may need to be made. Refer to installation manual for proper roof system installation.



Low Eave Preparation

Cut existing roof panel (about 1/4" inside the eave strut face) and remove existing structural eave screws. Test fit the eave plate and adjust cutback as necessary. Be sure to leave adequate panel to reattach to eave.

Do not walk or place load on unattached panel ends.



Eave Plate Attachment

Re-attach panels at eave through the bottom flange of the eave plate into the eave strut with 1/4-14 structural fasteners. This ties the panels and eave plate to the building.



CAUTION:

Do only as much as can be re-sheeted in a day.

Eave plate will act as a dam and will allow water into the building.



Refer to installation manual for proper roof system installation.



Leading Edge



Module Clamps Are Required.

It is critical to use module clamps to keep the system on module and not interfere with the existing panel corrugations below.



Termination

Termination with High Capacity Rake Plate Upslope View



Termination with High Capacity Rake Plate - Downslope View



Installed Termination Panel



Ridge View With End Dams Installed



Close Up View of Ridge Cap Installation



Install Gutter Support



Oversized Trim Required

Ensure replacement trim is oversized to adequately cover the rise in roof plane down over existing fade line from old trim.



Finished Retrofit Roof View

