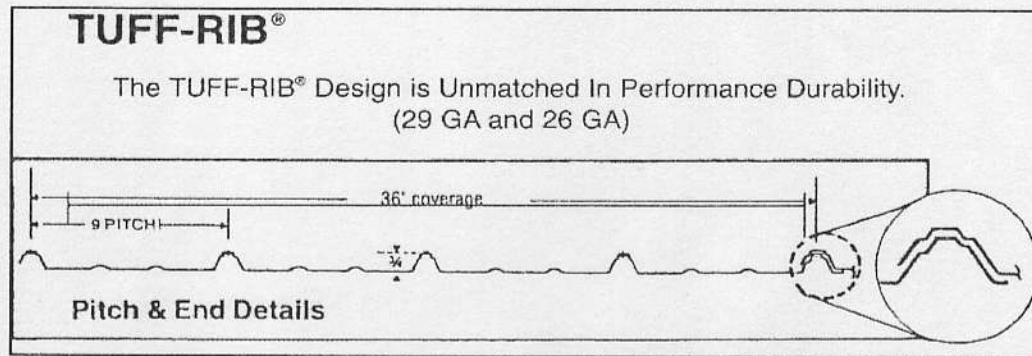




5846 Hwy 189
Baker, FL 32531
850-537-2010(P)
850-537-1707(F)

219 Hwy 231
Troy, AL 36081
334-566-7615(P)
334-566-0459(F)

17121 Hwy 231
Fountain, FL 32438
850-722-6882(P)
850-722-6883(F)



Tuff-Rib Panel Installation Specifications

ROOF APPLICATION: Roof slope must be a minimum of a 2/12 pitch to use this product. Substrate needs to be a minimum of 15/32" plywood for old construction and 19/32" for new construction. The use of 30# felt is needed to provide adequate thermal and moisture barrier protection. Batten strips can also be used to attach this product. Should the building parameters differ from the parameters stated in the fastening schedule, then the fastening calculations must be computed by an engineer to meet the specific wind requirements. If you are unsure of your roofing requirements please contact one of our sales staff to better assist you with your needs.

- Start at the gable or rake opposite of the prevailing wind. The leading edge should be the uneven rib.
- It is imperative that the panels be laid square to insure proper lapping. Many installers pop a chalk line 38" from the gable edge running from the ridge to the eave to use as a guide.
- **Side lap procedure-**Please see side lap detail. Pay careful attention that the uneven rib is over lapped by the even rib as shown in the side lap detail.
- **End lap procedure-**When long panels are required. Baker Metal Works and Supply recommends the customer to consider lapping the panels a minimum of 16" to insure proper drainage. Two strips of butyl sealant tape should be used at the end lap and fastened on the uphill side of the strips of butyl sealant tape.
- **Eave detail procedure-** Baker Metal Works & Supply recommends the use of an eave flashing with butyl sealant tape above and below the closure strip (inside) which will go between the underside of the roofing panel and on the top side of the flashing to avoid water infiltration.
- **Ridge detail procedure-** The appropriate ridge cap is placed on the top closure strips (outside) with butyl sealant tape above and below the closure fastened through each rib at 9" on center. A longer screw (2"-2.5") is recommended to be used to fasten the ridge. Each section of ridge cap needs to be overlapped a minimum of 12
- **Fasteners-**Metal to Wood application- Tuff-Rib panels should be fastened by a minimum #9 x 1.5" wood grip. Metal to Metal application- Tuff-Rib panels should be fastened by a minimum #12 x 1" Tek screw
- **Siding Applications-**Tuff-Rib panels used as siding are side lapped the same as in the roofing application. It is best to start a siding sheet at a large opening (i.e. sliding door, window, door etc.) so that the panels are square. Butyl sealant tape is not required for side lap application. However, butyl sealant tape is recommended where any closures are required.
- **Trimming and cutting steel panels-** Whether cutting with the profile (length-wise) or across the profile (width-wise), it is best to use a steel cutting blade or an abrasive, self consuming (carbounum) blade with an electric saw, hand tin-snips or a nibbler. It is very important to cut panels one at a time with the finished side or panel facing down on wood blocks. Care should be taken to ensure that the hot metal particles and filings from the cutting do not become embedded in the panel.
- **Note-** Filings from screw cuttings must be cleaned off the panels after screws have been applied through the panel to avoid rust marks or "bleeding" on the panels. Store only in a dry place. Stack flat on blocks or racks to protect bottom panels. Failure to comply with the above procedures relieves Baker Metal Works and Supply of responsibility damage to or deterioration of the finish and voids any paint or finish warranty.