Roof Cover Series
Model(s) "EJ-RJS"
Horizontal Expansion Control Systems

The following installation procedure is very important and must be fully understood prior to beginning any work. To ensure proper installation and performance of expansion joint system the following actions must be completed by the installing contractor. Failure to do so will affect product warranty.

1) Carefully read and understand installation procedure. Contact Technical Service Department for product assistance.
2) Inspect all shipments and materials for missing or damaged components and hardware. Contact Customer Service with order number and invoice for prompt assistance.
3) Inspect substrate or adjacent construction for acceptance before beginning work. Report unacceptable construction to the project manager for scheduled repair work.
Standard Components

Extruded Aluminum Base Member (P/N 15780)

Elastomeric Gasket (P/N 15958)

10 – 24” x ½” self tapping screw (P/N 5573)

¼” x 2 ½” Wood Screw with Washer Head (P/N 5782)

Components shown below vary in size depending on model of system

Installers note: Shown below are components that are shipped in varying sizes according to joint system model to be installed. Consult your shipping documents for proper part listings and requirements.

Note: shipment should include splicing hardware and components which are not shown on this page

![Diagram of components]

Shipped as a flat sheet good

Shape at installation

Moisture barrier

Self-centering bar

10 ft. lg. aluminum cover plate with ¼” x 1 ½” screw with neoprene washer

Splice plate

Note: splice plate has same configuration as cover plate but is 2” lg.
1 Install moisture barrier. Ensure proper drape and relaxation to accommodate joint movement.

2 Position extruded aluminum base member from the inside edge of the wood and fasten base member down utilizing wood screws.

3 Install aluminum flashing onto the extruded aluminum base member with \( \frac{1}{4} \)" machine screw.
As work progresses with placement of base members, install self-centering bars by sliding the spherical ends of the bars into and through the circular cavities of the base members. Set at an approximate spacing of 18” O.C., ensure that the “top” indicator is facing up and that all bars are in the same orientation.

Install elastomeric gaskets. It is recommended to slide gasket into extrusion cavity from its ends as work progresses.

Install aluminum cover using ¼” dia screw and neoprene washers.
Install splice plates.

- Roof to roof joint system cover plate.
- #10 dia. hex head self-drilling TEK screw w/ rubber washer at roof cover (one side only).
- Optional fastener location on wide roof covers (one side only).
- Splice plate.

Note:
Spread sealant evenly to prevent splice plate from being raised off of roof cover.

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½" min. gap between plates during installation.

Applied bead of sealant to each side prior to mounting splice plate (sealant by others).