

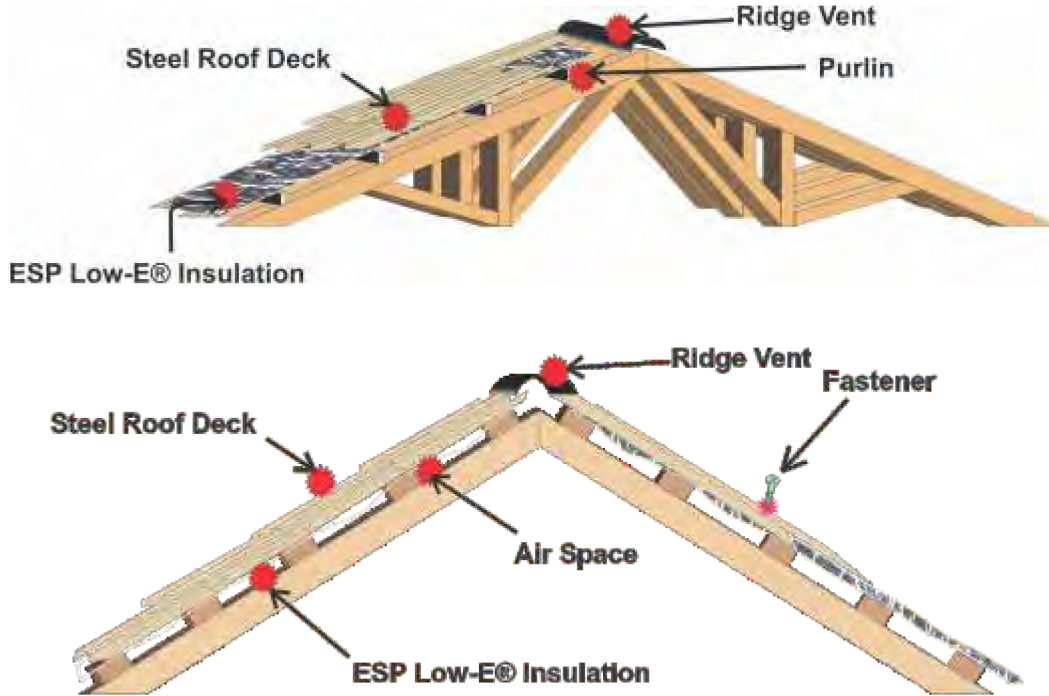
# Post Frame Applications

## Post Frame Roof Application

Average System R-Value: Down R- 11.04, Up R- 7.39

When installing Low-E Insulation in post frame buildings, it is important to have an air space between the metal roof panel and the Low-E. This is best achieved by draping Low-E over the purlins from eave to eave, allowing it to sag approximately 3/4" to 1" between the purlins. After the first 4' run is tack fastened (3 1/2" staples /purlin), install the first section of roof sheeting and work from that to make the next run of Low-E and so on for the length of the building. It is important that all seams be securely taped with Low-E tape unless a staple flanged product is used.

If the building has a ridge vent, cut the Low-E loose at the peak before installing the vent.



## Post Frame Wall Application

Average System R-Value: Horizontal R- 8.55

Wrap Low-E Insulation around outside of framework, temporarily tack fasten Low-E loosely to outside of each girt with 1/2" staples allowing Low-E to bow in approximately 3/4" creating an enclosed air space. To achieve a vapor barrier all adjoining seams must be securely taped using Low-E tape unless a staple flanged product is used. Then attach metal siding by approved method.

