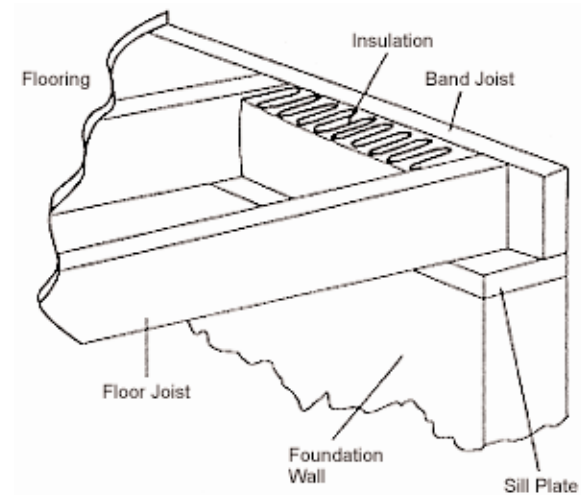


## Band Joist Insulation

In homes with frame construction over a basement or crawlspace, the floors are constructed with framing members called joists, which rest on the foundation sill and support the floor above. The outside ends of these joists and the space between them are covered with a band joist. The space next to this band joist needs to be insulated to prevent heat loss through the band joist to the outside. When the basement or crawlspace is conditioned this heat loss will be significant.

Insulation of the band joist area is readily accessible and inexpensive to insulate. Band joists are usually insulated with either fiberglass or rigid foam. An insulation value of R 15 is adequate for Midwest climates. For fiberglass the thickness is approximately 6 inches and rigid foam approximately 3 inches. A friction fit is sufficient for either type.

Make sure either type of insulation fits tight against the band joist. Be careful installing the fiberglass so that you do not compress it. If the fiberglass has a vapor barrier make sure you install it so the vapor barrier faces the inside of the conditioned crawlspace or basement. Caution: If any water pipes run along the band joist area make sure the insulation is placed between the pipes and the band joist to prevent frozen pipes in the winter months.



If you would like additional energy savings tips, please see our energy efficiency section at [www.vectren.com](http://www.vectren.com) or contact us by e-mail at [marketinginfo@vectren.com](mailto:marketinginfo@vectren.com).