



## Insulating Attic Flats

### Open Attic Flat – No Storage area or Air Handler

After air sealing the attic the next step is to insulate it. If you have an attic which you do not access for storage or for an air handler the best way to insulate is to pump in cellulose insulation. A thick blanket of cellulose insulation is much more effective than blown fiberglass and fiberglass batts because cellulose is not subject to wind washing, or the penetrative effects of moving air through the insulation.



Cellulose insulation is denser and has a higher R-value per inch than blown fiberglass. Cellulose is much less permeable by hot and cold air. Blowing cellulose insulation on top of existing fiberglass batting or blown fiberglass will reclaim the R-value of the older insulation.

### Open Attic Flat – with Storage or Air Handler

After air sealing the attic the next step is to insulate it. If you have an attic which you use for storage or have an attic that has an air handler then you will need a storage platform or catwalk. This is done by installing 2" polyiso foam board to attic flat on top of the floor joists.

Cellulose insulation is then dense packed beneath the foam board resulting in an R-37.4. We lay plywood atop the polyiso foam board and install a plywood dam to hold back any possible loose blown cellulose as seen here. This insulation measure is used to create a place for storage in the attic or to create an easy access way for maintenance for an air handler.

