Insulated Siding: Blanketing a home’s studs

Most exterior walls have insulation in between the wall studs, but allow significant energy loss through the studs themselves, which are poor insulators. This is called thermal bridging. Insulated siding improves energy efficiency by reducing thermal bridging—like a blanket, it is continuous insulation over the studs, which helps homes stay cool in summer and warm in winter.

25% HEAT LOSS

Wall studs account for up to 25 percent of every wall, which is like having an entire side of the house uninsulated.

**HOW IT WORKS**

Insulated siding fights thermal bridging by blanketing the outside of wall studs so that energy escaping through the studs can’t get out, increasing the overall R-value of the wall.

**25% HEAT LOSS**

A study to determine insulated siding’s effect on energy performance under real-world conditions (after retrofitting existing single-family homes) observed that, in every case, after the insulated siding was installed, less home heating fuel was used.*

*Based on utility bills analyzed for differences in home heating fuel use two years prior and two years following installation of insulated siding (Insulated Siding Energy Performance Study, Newport Ventures, June 2013).

For the official list of certified insulated siding products, visit insulatedsiding.info