

## POSITION PAPER:

**EcoSoft® Carpet Tile Thermal Insulation**  
**July 2014**

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Heating and cooling commercial buildings is expensive. Products that contribute thermal resistance can help improve energy costs.

The flow of heat can be delayed by understanding the conductive, convective, and/or radiative behavior of the material in consideration.

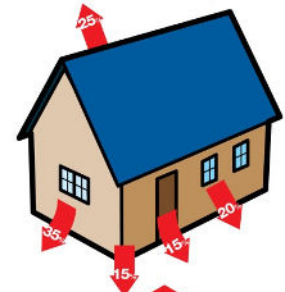
EcoSoft can help to reduce energy costs in heating and cooling when there is a temperature differential between the indoor air and that under the floor.

A room with EcoSoft promotes thermal comfort, saves energy and also contributes to a reduction in Green House gas emissions that are a major cause of climate change.

EcoSoft will keep the warmth in heated buildings in winter, and the heat out of cooled and air-conditioned buildings in summer.

The test results are to compare PVC Tile and Ecosoft Carpet Tile. It shows that Ecosoft outperforms a hard back tile by more than 150% for thermal effectiveness.

Heating and Cooling are released from the building



THIS TO THIS



Thermal resistance of EcoSoft is higher than of PVC hard back Tile  
Heat Insulate Protection