

STATISTICS.

Shrimla Film



GTF Cris Neilson

Which product helps keep your house warmer?

eFilm

eFilm stands for energy film and is made in Portland Oregon. It is a product that is applied directly to glass on the inside of a typical window. According to the manufacturer it will save up to 18% of heating & cooling costs.

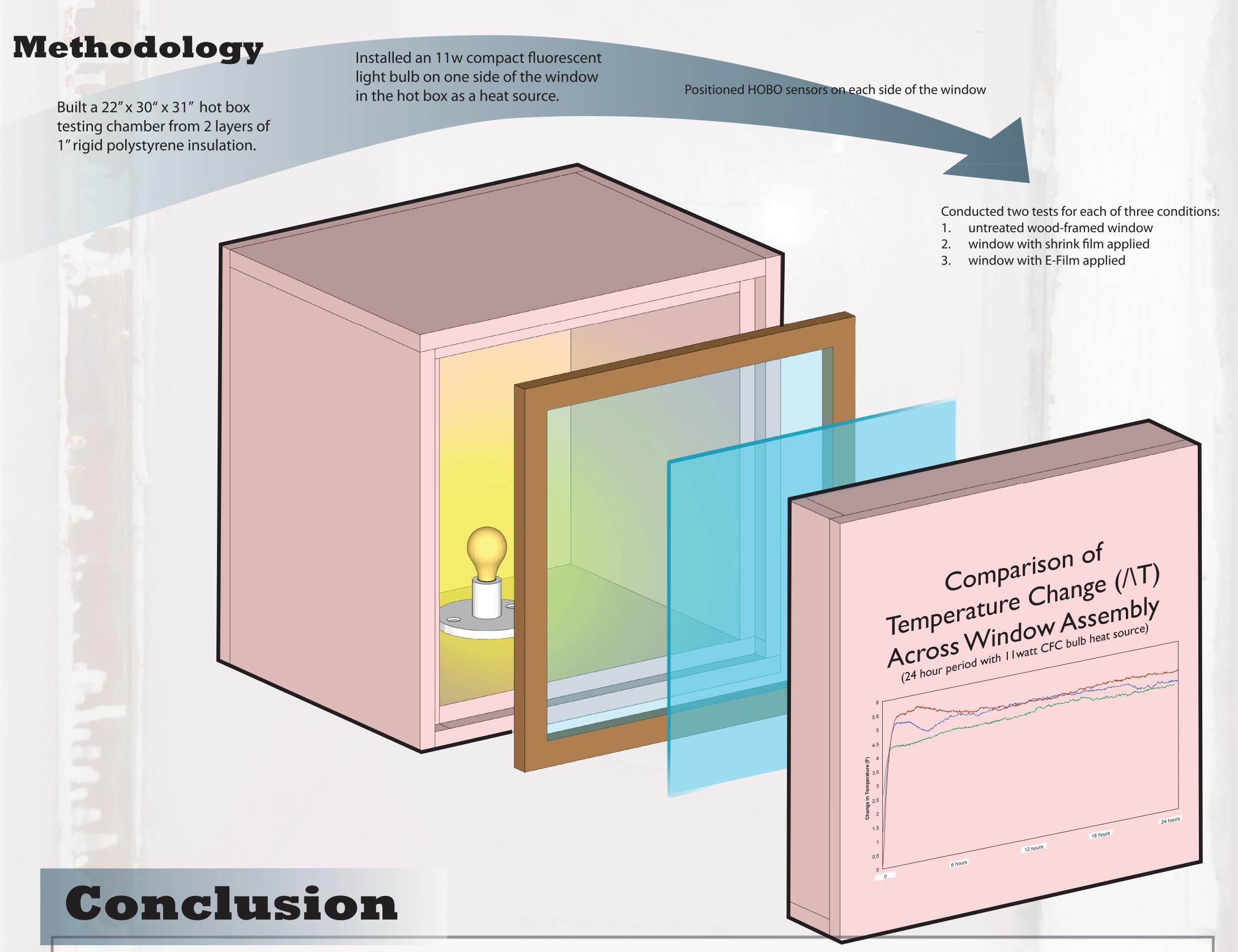
Shrink Film

Shrink & Seal window film is a product made by M-D Building Products. It is applied to the frame on the inside of a typical window with double stick tape, and then, using a hair dryer, the film is shrunk to a tight fit over the glazing. There is an air gap that is created between the glass and the film. According to the manufacturer this product will increase the R-value of your window up to 90%.

Hypothesis

"Aftermarket window insulation products reduce the U-Factor of conventional single-paned windows.

eFilm more effectively reduces heat loss through windows than Shrink and Seal window film."



The research findings indicate that, as proposed, both products decreased the U-factor of the window. However contrary to the initial hypothesis a window with M-D Shrink & Seal film has a lower U-factor than a window with Energy Film.

A comparison of the U-factor shows that the M-D film U-factor is .09 lower than the Energy Film®.