



**NANSULATE ADVANCED INDUSTRIAL PRODUCTS**

**CASE STUDY**

**Nansulate®  
HomeProtect Clear Coat**



**Location**

Connecticut, USA

**Product**

Nansulate® HomeProtect  
Clear Coat

**Result**

- \$665.56 per year savings on heating oil costs
- 6,317 lbs per year reduction in carbon emissions
- 41% reduction in heating oil use

**ISSUE:**

Homeowners in Connecticut were looking for an easy way to reduce their heating bills during the cold season and make their home more comfortable year-round.

**SOLUTION:**

They applied Nansulate HomeProtect to the interior walls, ceiling and other areas of their home to provide a barrier to the heat transfer, thus reducing the amount of energy used to heat and cool and providing a more consistent interior temperature year-round.

**Heating Oil Use in Gallons:**

Before Nansulate 4 year average	After Nansulate 1st year
620 gallons per year	365 gallons
\$1,618.21 per year*	\$952.65 per year*
15,229 lbs per year**	8,912 lbs per year**
Carbon Emissions	Carbon Emissions

This equated to a savings of 41% in heating oil use, a reduction in heating related carbon emissions of 6,317 lbs per year, and a dollar savings of approximately \$665.56 per year.

\*Cost per year was calculated using the July 16, 2007 figure for the average Connecticut regional retail heating oil price (\$2.61 per gallon). Source: State of Connecticut Office of Policy and Management ([www.opm.state.ct.us](http://www.opm.state.ct.us)).

\*\*Carbon emissions data calculated from [www.epa.gov](http://www.epa.gov).

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