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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

www.qes-usa.com

CASE STUDY

Nansulate®

HomeProtect Clear Coat

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).

**Carbon emissions data calculated from www.epa.gov.