

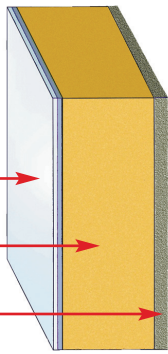
## Typical Applications

1. Tanks
2. Freezers & Coolers
3. Wood Kilns
4. Agricultural Buildings
5. Masonry Walls
6. Metal Buildings
7. Hot Tubs
8. Cold-Weather Construction
9. Exterior Building Cladding
10. Boat Holds
11. Poultry Industry
12. Stud Walls



THERMALSTOP COMMERCIAL USES

## ThermalStop Profile



Substrate can be metal, masonry, wood or numerous other materials

One inch or more of closed-cell, spray-applied polyurethane foam provides insulation.

**Exterior Applications:** Two or more layers of elastomeric coating provide UV protection.

**Interior Applications:** Thermal barrier as required by local building code.

*Some applications may require a vapor retarder.*

## Superior Thermal Insulation

ThermalStop spray-in-place polyurethane foam insulation technology provides superior thermal insulation to preserve optimal temperature. ThermalStop is used in a wide variety of commercial applications. It is a seamless, energy efficient, weather resistant and economical solution to the most challenging insulation environments.

### ENERGY EFFICIENT

ThermalStop has an R-value of 6.4 per inch. Additional thickness can be installed to meet your insulation requirements.

### LIGHT WEIGHT

This spray polyurethane insulation system with coating typically weighs less than 1 lb. per square foot.

### CONFORMABLE

ThermalStop conforms and fully adheres to its substrate. It easily insulates unusual configurations.

### AIR SEALS

This system blocks air movement, resulting in even greater energy savings.

### WATER RESISTANT

The closed-cell nature of ThermalStop resists water penetration. It is a FEMA Class 4 Flood Resistant Material.

# When just insulation isn't enough.®



THERMALSTOP INSULATES THE LAKE PLACID BOBSLED RUN.



TANK INSULATED BY THERMALSTOP.

## TYPICAL PHYSICAL PROPERTIES

NCFI Polyurethanes ThermalStop Insulation System is a two-part, closed-cell system with high R-value designed for general construction insulation.

<b>Core Density (nominal):</b>	2.0 lb/ft <sup>3</sup>
<b>Moisture Vapor Transmission:</b>	0.9 perm @ 2 inches thick
<b>Flame Spread:</b>	Less than 25 @ 2 inches thick
<b>Smoke Development:</b>	Less than 450
<b>Air Leakage (ASTM E 283):</b>	0.05 cfm/ft <sup>2</sup> @ 4 psf
<b>Water Resistance (AATCC 127 Suter Hydrostatic Pressure Resistance Test):</b>	No leakage @ 280.4 cm H <sub>2</sub> O
<b>Thickness (inches)</b>	<b>R-Value</b> (°F-hr-ft <sup>2</sup> /Btu)
0.5	3.2
1.0	6.4
2.0	13
3.5	19
8.0	22



### SPECIFY ENERGY STAR

Using products with the Energy Star® label can save energy. Saving energy reduces air pollution and lowers utility bills. As an Energy Star® partner, NCFI Polyurethanes has determined that this product can significantly contribute to meeting Energy Star® guidelines for energy efficiency.



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