

## Typical Applications

1. Tanks
2. Freezers & Coolers
3. Wood Kilns
4. Agricultural Buildings
5. Metal Buildings
6. Hot Tubs
7. Cold-Weather Construction
8. Exterior Building Cladding
9. Boat Holds
10. 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 6.8 per inch. Additional thickness can be installed to meet your insulation requirements.

### LIGHT WEIGHT

This spray polyurethane insulation system with coating 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

ThermalStop® blocks water penetration. It is a FEMA Class 5 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.

Core Density (nominal):	2.0 lb/ft <sup>3</sup>
Moisture Vapor Transmission:	1.3 perm-in
Flame Spread:	Less than 25 @ 4 inches thick
Smoke Development:	Less than 450
Air Leakage (ASTM E 283):	0.00 cfm/ft <sup>2</sup> @ 1.57 psf
Water Resistance (AATCC 127 Suter Hydrostatic Pressure Resistance Test):	No leakage @ 56 ft.

Thickness (inches)	R-Value (°F-hr-ft <sup>2</sup> /Btu)
0.5	3.2
1.0	6.8
2.0	13
3.0	19
3.5	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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