



**ThermoSeal CCX**  
**Closed Cell**

**Up to 10 LEED Points**  
**With ThermoSeal CCX**

**SPF CONTRACTORS & INSTALLERS**



is a high-performance spray  
foam insulation for homes  
and commercial buildings.

## Contractor/Applicator Benefits

Sprayability  
& Yield

Easy to process  
and spray. High  
Yield 2 lb.

Predictability

Consistent Product,  
Consistent Yield.  
Summer & Winter  
Formulas available.

Passed  
Appendix - X

No Ignition Barrier  
is Needed in Attics  
and Crawl Spaces.

R-Value

One of the highest  
Aged R-Values  
available in the  
industry today.

The US Department of  
Energy states that 40%  
of energy loss is due to  
air infiltration.

## ThermoSeal Partnership



- Sales Support
- Tech Support
- Co-op Marketing
- Leads
- Competitive Pricing & Terms
- Training

With continuous research and development, ThermoSeal continues to lead the spray foam insulation industry in both quality and diversity of spray foam products. Our products insulation performance is the clear winner in energy savings, sound control, moisture vapor permeance, lifespan, and cellular structure, therefore reducing waste and cost at the same time.



# Thermoseal CCX

## Medium Density • Closed Cell Spray Foam Insulation

20% Recycled/Renewable Content

ThermoSeal CCX is a two component, semi-rigid, medium density, 2 lb closed cell polyurethane foam insulation system which simultaneously insulates and air-seals your building structure. ThermoSeal CCX requires the use of an "A" component (ISO) and a blended "B" component (RESIN), which contains ZERO ozone depleting catalysts, polyols and fire retarding materials. ThermoSeal CCX is designed to make homes more energy efficient, quieter, healthier and more comfortable. ThermoSeal CCX is applied as a liquid spray which expands approximately 15 times its initial mass and cures within seconds into a semi-rigid mass. ThermoSeal CCX fills all building cavities completely sealing all cracks, crevices, and voids where air loss and infiltration are most common.

### Physical Properties

Property	Value	Test Method
R-Value	6.7 Summer/6.9 Winter	ASTM C 518
Core Density	2.23 lb/ft <sup>3</sup> Summer/2.17 lb/ft <sup>3</sup> Winter	ASTM D 1622
Closed Cell Content	>= 93%	ASTM D 6226
Water Vapor Transmission - Permeance	Perms: <1 @ 1" minimum	ASTM E 96
Air Leakage Rate	<.02 L/sm <sup>2</sup> @ 75Pa@1"	ASTM E 283
Compressive Strength (PSI)	18 psi Summer/23 psi Winter	ASTM D 1621
Tensile Strength (PSI)	18 psi Summer/54 psi Winter	ASTM D 1623
Dimensional Stability	5.45% Summer/4.14% Winter	ASTM D 2126
Water Absorbtion (volume)	0.87% Summer/0.81% Winter	ASTM D 2842
VOC Emmissions	Meets Criteria	UL (Greenguard Gold)
Fungi Resistance	Zero Rating	ASTM C 1338

### Fire Properties

Property	Value	Test Method
Surface Burning Charateristics • Flame Spread • Smoke Index	Class 1 Pass 5 350 Summer/450 Winter	ASTM E 84
Ignition Barrier	• Compliant with 2009, 2012 & 2015 IBC, IRC and ICC-ES AC377 Appendix X requirements for use in attics and crawlspaces without a prescriptive ignition barrier or intumescent coating.	ICC- ES AC377 Appendix X
Thermal Barrier	• Compliant with 2009, 2012 & 2015 IBC and IRC without a 15 minute Thermal Barrier when coated with IFTI's DC315 at (88.88 sq. ft./gal @ 18 mils wet and 12 mils dry) coverage rate of 1.136 gallons (4.3 L) per 100 square feet (9.3 m <sup>2</sup> )	NFPA 286

### Evaluation Report

Evaluation Report	#ESR-4137	ICC Council
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# ThermoSeal CCX

## ThermoSeal

is the most energy efficient spray foam money can buy.

## ThermoSeal

Closed Cell adds Structural Integrity, is an Air Barrier, Thermal Insulation & Class II Vapor Barrier in one application. For Interior & Exterior Applications.