

ThermoSeal 2000
Closed Cell



High-Performance Spray
Foam Insulation for Homes
and Commercial Buildings.

Benefits

Adds
Structural
Integrity

Increased
Racking Strength
330-400%

Meets NFPA
285

Compliant in
Building
Types I-V

FEMA
Accepted

Flood Resistant
Insulation Material

Air Barrier

Seal it Tight,
Ventilate it Right

R-Value 6.9 @ 1"

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

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.



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

Phone: 800-853-1577

www.ThermoSealUSA.com

Thermoseal 2000

Medium Density • Closed Cell Spray Foam Insulation



ThermoSeal 2000 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 2000 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 2000 is designed for residential, commercial, and industrial building applications to make structures more energy efficient, quieter, healthier and more comfortable. ThermoSeal 2000 is applied as a liquid spray and 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	6.9 @ 1" / 21.0 @ 3"	ASTM C 518
Core Density	2.07 LB / Cubic Foot	ASTM D 1622
Closed Cell Content	>= 92%	ASTM D 2586
Water Vapor Transmission - Permeance	Perms: .8 @ 1" / .23 @ 3.5"	ASTM E 96
Air Leakage Rate	Zero (0) ft3/s.ft2 @ 75Pa	ASTM E 283
Compressive Strength (PSI)	25	ASTM D 1621
Tensile Strength (PSI)	60	ASTM D 1623
Dimensional Stability	< 9%	ASTM D 2126
Sound Transmission Coefficient	41	ASTM E-90-85/E 413

Fire Properties

Property	Value	Test Method
Surface Burning Characteristics • Flame Spread / Smoke Index	Class 1 Pass <25 / <450	ASTM E 84
Ignition Barrier	• Complies with the applicable requirements of ICC-ES AC377 Appendix X for use in attics and crawlspaces without a prescriptive ignition barrier.	ICC- ES AC377 Appendix X
Thermal Barrier	• Pass using DC315 manufactured by International Fireproof Technology, Inc at 18 wet mils / 12 Dry Mil • Pass using Fireshell TB manufactured by TPR2, Inc at 26 wet mils / 14 Dry Mil when used as a component in tested alternative thermal barrier assemblies.	NFPA 286 UL 1715
Commercial Fire Tested Wall Assemblies	Compliant in Building Types I, II, III, IV, V	NFPA 285

Building Code Certifications

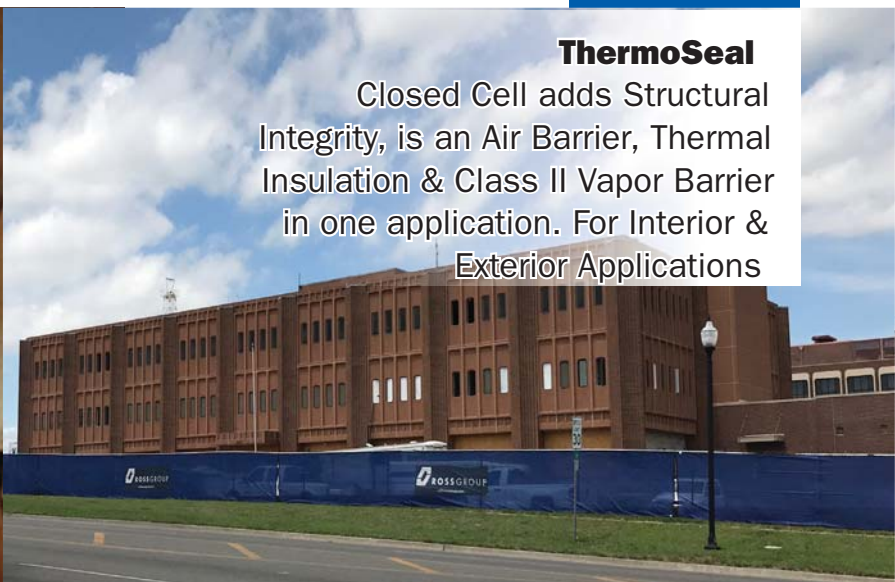
Evaluation Report	UES-0581	IAPMO
GreenGuard Gold	2013 Standard for Chemical Emissions for Building Materials	GOLD: UL 2818

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