

# TUFFY

REFRIGERATED BUILDINGS USING  
STRUCTURAL INSULATED PANELS



**TUFFY** is the right choice for:

- Food Processing
- Freezer Buildings
- Cooler Buildings
- Controlled Environments
- USDA Finishes



Energy Panel Structures, Inc.  
102 East Industrial Park  
Graettinger, IA 51342  
800-967-2130 Fax: 712-859-3275  
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# TUFFY

## Pre-Engineered Buildings

**TUFFY** features structural wall modules utilizing expanded polystyrene foam laminated to plywood, glassboard or aluminum faces to assure a tight energy efficient facility. EPS guarantees your satisfaction with our pre engineered, High R-Value Buildings!

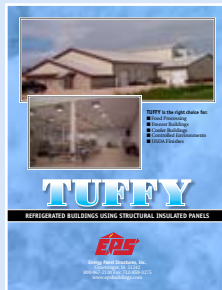
EPS is the leader in food processing because we combine the coolers/freezers finishes and the offices into a cost effective, energy efficient building design.



**Where is the structural steel?**  
**It's not needed!**  
**The wall panels provide the strength needed to carry roof loads.**



### ON THE COVER:



“Lakeside and EPS teamed up to save the owner time and money. Plus, brought this project in budget.”

-Steve Dax,  
 Lakeside Systems

Salms Meat Processing, Denmark, WI.  
 Lakeside Systems 80' x 226' x 18'

# Innovative Foam Core Construction

STRUCTURAL WALL PANELS eliminate the need for structural steel frames!

Substrates of plywood laminated to an expanded polystyrene core with an IBC approved moisture-proof adhesive.

Aluminum facing with painted stucco embossed texture. Surfaces are USDA-accepted and maintenance-free.

Fiberglass Reinforced Plastic (FRP) also available for interior surface.

Up To R33 expanded polystyrene core — the earth friendly insulation.

LASTING R-VALUE no loss of insulation value over time due to moisture or slumping.

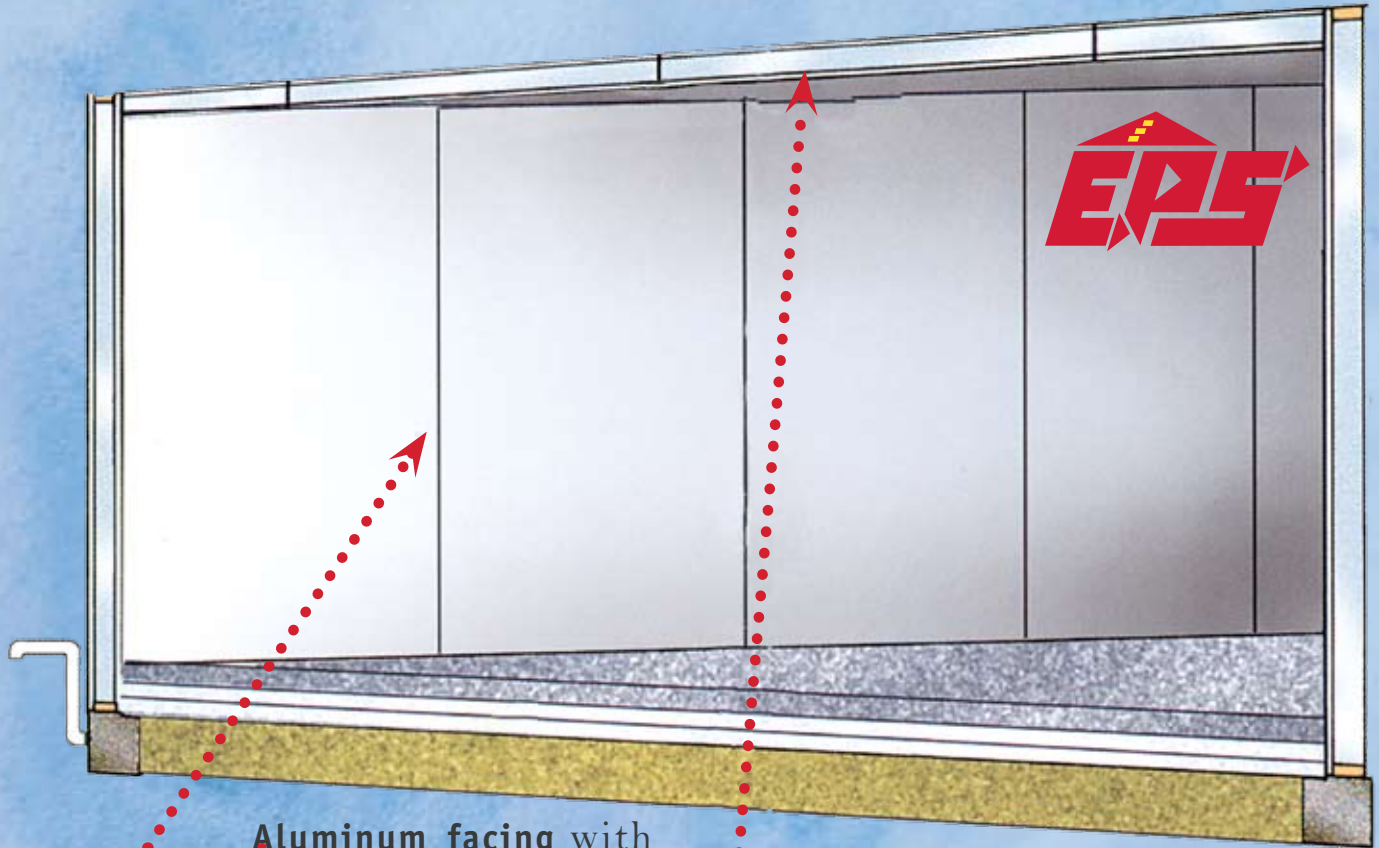


EPS combines all the ceilings, coolers and USDA finishes with engineered details and at a competitive price.

-Welcome Meats  
Welcome, MN

Welcome Meats, Welcome, MN. Keith and Sandy Winter, Owners.

# Cooler and Freezer Construction



**Aluminum facing** with painted stucco embossed texture. Surfaces are USDA-approved and maintenance-free.

**Expanded polystyrene core**—the earth friendly insulation.

## Vapor Barrier

**Aluminum facing** with painted stucco embossed texture. Surfaces are USDA-approved and maintenance-free. FRP facing available for interior.

**Ceiling T-Bars** are 3" wide and run 8' on center.

**Lasting R-Value** — No loss of insulation value over time due to moisture or slumping, as in fibrous insulation.

**Environmentally Safe** — No CFCs harmful to the earth's ozone layer, no formaldehyde and no carcinogens that can be ingested.

**Substrates** of plywood laminated to an expanded polystyrene core with an ICBO approved moisture-proof adhesive.

# Custom Cooler and Freezer Doors

## DOOR FEATURES

- Extra Heavy Duty Construction
- Rigid Foam Insulation
- Cam Lift Hinges
- Compression Style Gasket
- Choice of Standard Cladding:  
Stucco Embossed Painted  
Galvanized Steel  
Stucco Embossed Painted  
Aluminum
- Chrome Hardware With  
Stainless Steel Fasteners
- Thermally Broken Threshold
- Extruded Aluminum Frame  
Covered
- Safety Inside Release Handle
- Double Run Of Self-  
Regulating Heater Cable For  
Freezers
- Meets USDA Requirements



## OPTIONS

- Kick Plate
  - Smooth Stainless Steel
  - Aluminum Diamond Plate
  - Galvanized Steel

## STANDARD SIZES

- 4'0" x 6'8"
- 3'6" x 6'8"
- 3'0" x 6'8"
- 2'6" x 6'8"

# FOOD PROCESSING



**Pre Engineered & Designed to solve your needs:**

- Industry Innovation
- Carry up to 10,000 Lbs per runner
- USDA Finish
- Cold Climate controlled

Multiple Truss loads and ceiling finishes are your choice.



What ever your interior needs EPS can respond!



Country Meat Cutters, Reeseville, WI. 60' x 120' x 14'

# COMPLETE PACKAGES

## CREATE AN EPS BUILDING SYSTEMS:

**Combine** your office, retail, food processing and freezers into one fully engineered envelope.

■ **Building Code** — Meets building code requirements without sprinkler systems.

■ **USDA Accepted.**

■ **Clear Span** — No interior columns required for buildings up to 100' wide. No exposed purlins or girts. Allows for maximum flexibility of space usage.

■ **Faster Construction** — Erects in days, not weeks — saves labor, financing costs.

■ **Totally Engineered** — Structural integrity and stamped by our on staff registered engineer.

■ **Guaranteed R-Values** — not compressed promises. Rigid EPS core is not affected by moisture and has no gaps to allow air infiltration. R-values of R19, R26 or R33.



The store entrances are custom designed, energy efficient and attractive.

Gary's Meat, Galena, Illinois.





Cheese Plant, Waterloo, WI.



# TUFFY

## Twenty-Five Years of experience . . .

EPS's years of experience manufacturing insulated panel systems for cold storage and pre-engineered building packages stands behind — Tuffy.

Due to the unique strength characteristics of the Tuffy wall panel system, no structural steel is required for the Tuffy building, the structure is built into the factory insulated panel. The Tuffy building has a high tolerance to temperature extremes. Tuffy meets the requirements of national code authorities.

Authorized Dealer:



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