

Poultry Buildings



*Feather
your nest*



epsbuildings.com



Poultry Barns

From 4,000,000 bird complexes to single buildings . . .



Breeder Barns
Pullet Barns
Layer Barns
High-rise
Stack Deck
Organic
Cage Free

From high-rise turbo's to
stack decks . . .

- Our pre-engineered building package features many advantages to reduce job site labor and overrun costs.



- The panelized structure places insulation core, vapor barrier, wall wrap, framing and interior and exterior sheathing/finish in one setting.

- Pre-fabricated floor sections, wing trusses/eave frames, panelized ceilings, pre-cut lumber and complete plans can reduce job site labor, material overruns and waste.



"The walls are easily washable and the joints are very tight. These factors are very important in a farm research facility such as ours. In my opinion, they are very well designed and I would recommend this type of building for other farm units."

—Chet Utterback, Supervising Farm Foreman,
University Of Illinois Research Facility



EPS Building Features:

- Higher R-Values than conventional construction
- Solid monolithic design provides minimal air infiltration
- Ventilation air enters where desired, not through seams and voids
- The closed cell panels prevent dust and pathogens from penetrating the panel
- FRP (glass board) interior finish adds to the illumination and is much easier to clean
- The expanded polystyrene core resists water and vapor, maintaining its R-Value and placement

Panels go up fast



Egg Production

Energy-Lok or Tuffy Panel Construction Benefits:

- Helps prevent condensation, dripping, and premature corrosion
- Reduces energy consumption of refrigeration units
- Ease in clean-up and wash down
- Durable system which will perform and last longer
- Eliminates Thermal short circuits at truss chords and at wall studs
- Insulation core that resists moisture:
 - Does not become moisture soaked, maintains its R-Value
 - Water logged insulation will sag, sink, etc., leaving voids, cavities in the wall
- Insulation core that is rigid monolithic
- No gaps or voids affecting the overall R-Value
- No insulation that is cut short or installed wrong
- System that is designed to be vapor tight
 - Use of material, sealants and tape that forms a continuous vapor barrier

Our team will help design a structure to the particular needs and flow of each facility.

Egg Processing Egg Coolers





Turkey Barns

Turkey Starters
Turkey Finishers

In 1993, EPS introduced the "Clear Span" finisher barn. This design eliminated all posts, barriers, and obstacles. In 1999, EPS brought the "Frame Wall" finisher to the market. The Frame Wall is an engineered building system guaranteed to meet IBC requirements. The Frame Wall helps reduce labor requirements by days with its pre-cut, pre-engineered package.



Interiors that feature:

- Bottom chord scissor for improved ventilation and more clearance for traffic.
- R-19 batt insulation with laminated backer and tabs at knee braces help prevent slipping and sagging.
- Glas-Panel runs in ceiling for ease of ventilation installation, resists corrosion, and helps to improve air quality.
- Pre-finished ceilings for improved illumination and ease of cleaning.

"EPS has supplied over 163 buildings to Sara Lee and we are thoroughly satisfied with the quality, service and price from EPS and their dealer."

*—Mike Westphal,
Sara Lee*



EPS design features:

- Fully engineered—Designed in accordance with major building code requirements. Stamped drawings are available.
- Roof Dead Loads—Increased for equipment suspension, compared to conventional.
- Ground Contact—Lumber treated to .60CCA retention, for long lasting durability.
- Clear Spans—Up to 100' wide spans create large building open areas.
- Curtain openings are covered with plastic coated wire to keep turkeys in and pests out.
- Winter construction—Post foundations can be easily embedded during winter weather.



Protect your investment!

See what an EPS pre-engineered building can do for you:

- Every EPS building is designed for a long life and fully engineered to meet IBC standards.
- Your insurance provider may offer discounts for a building guaranteed to IBC standards.
- A building design and constructed to meet IBC standards may last an extra 10 to 15 years.



EPS pays attention to the details!

- Mineral oil coated manure boards
- Manure access doors
- Snow door systems
- Roofline insulation that reflects the sun's heat, yet resists moisture produced by misting
- Allowances for feed systems, egg belts, and conveyors
- Custom size walk doors and overhead doors
- Generator buildings, hallways, and storage areas to tie the complex together
- Fan/inlet framing to meet equipment needs

Straight Walls



Minimal air infiltration



Feed Access System

Manure Barns & Access



Generator Building



Panelized pop-up ceiling



epsbuildings.com

Energy Panel Structures

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100% Employee Owned—100% Committed to Quality



INDEPENDENT AUTHORIZED DEALER