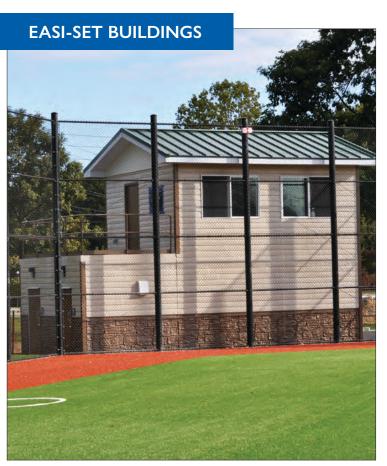


# NORTH AMERICA'S MOST SPECIFIED PRECAST CONCRETE BUILDINGS









# ONLY FROM EASI-SET BUILDINGS LOCAL MANUFACTURING. ALL-PRECAST CONCRETE VERSATILE • DURABLE • FAST • ECONOMICAL • SECURE



**INSTALLS IN HOURS. LASTS FOR DECADES.** 

#### **OUR HISTORY**

EASI-SET Buildings were pioneered over 45 years ago and have consistently demonstrated their adaptability, affordability, permanence, and sustainability.

#### A NETWORK OF LOCAL LICENSED PRODUCERS

The EASI-SET network of licensed precast producers means that your buildings are manufactured and serviced by local companies, while you benefit from the consistency provided by a national brand.

#### POST-TENSIONING SYSTEM - SUPERIOR TO THE COMPETITION

Our advanced post-tensioning reinforces floor and roof panels with high-strength strands stressed to 30,000 lbs. A proprietary pattern enhances strength to prevent cracks and water infiltration. Along with pre-stressed Easi-Span roofs, this system results in exceptionally strong, weather-tight buildings.







#### TOP SEVEN REASONS WHY

## EASI-SET PRECAST CONCRETE BUILDINGS ARE NORTH AMERICA'S MOST SPECIFIED BUILDINGS

## PRE-ENGINEERED WITH PE-STAMPED DRAWINGS & DESIGN CALCULATIONS

**NO OTHER COMPANY** in North America can match EASI-SET's full spectrum of pre-engineered sizes; ranging from the smallest and most versatile, plant-assembled -10' x 12' - to the ultra-large, site-assembled - 50' x 250'+

## COSTS LESS THAN COMPARABLE BUILT-IN-PLACE CONSTRUCTION

#### NO POURED FOOTINGS OR FOUNDATIONS NEEDED

**EASI-SET** Buildings can be installed on a leveled 4-6-inch layer of crushed stone.

**EASI-SPAN** Buildings can be installed using an engineered, compacted sub-base and floor system.

FACTORY CONSTRUCTION NOT AFFECTED BY WEATHER, TRADES, COORDINATION, OR LABOR ISSUES

INSTALLED IN HOURS, NOT WEEKS.

## BUILDINGS ARE SUSTAINABLE AND VIRTUALLY MAINTENANCE FREE

- Incorporates local materials
- Uses recycled materials
- Less transportation costs
- Lean engineered/uses less concrete
- Contains reclaimable components

## SPECIALIZED OUTFITTING OPTIONS AVAILABLE

RESPECTED & TRUSTED NATIONAL BRAND FOR OVER 45 YEARS



EASI-SET Buildings can also be delivered without a floor and placed on a pre-poured concrete slab.



EASI-SPAN Roofs with clear-spans up to 50' wide.



#### EASI-SET PRECAST CONCRETE BUILDINGS ARE THE STANDARD FOR EFFICIENCY AND VERSATILITY

#### EASI-SET BUILDINGS: THE LARGEST SELECTION OF STANDARD AND **CUSTOM DESIGNS, SIZES, FINISHES, OPTIONS AND APPLICATIONS**

#### **APPLICATIONS**

- PARKS & RECREATION
- SCHOOLS
- **UTILITIES**
- **ENERGY**
- **WATER & WASTE**
- **COMMUNICATIONS**
- **TRANSPORTATION**
- **MILITARY & SECURED INSTALLATIONS**

#### **BUILDING TYPES**

Airports & Train Stations Ammunition Storage Animal Housing Battery & Generator Buildings Belt Filter Press Blower Buildings **Boiler Building** Cable Equipment Storage



Cell Tower Buildings Chlorine Building Classrooms Communications Buildings Concessions

Control Buildings & Centers

Data Centers **Dugouts** 

**Electrical Shelters** 

Fiber-Optic Regeneration

Field Houses

Flood Resistant Applications

Garage & Maintenance Buildings

Gas Regulator

Generator Buildings

**Guard Houses** 

HazMat Containment & Storage

Headworks

High-Security Storage

High-Valued Equipment Shelters

Hypochlorite Building

Laboratories

Lift Station

Locker/Shower Rooms Maintenance Buildings

Mechanical Equipment Shelters

Meter Pit

Methanol Building

**Observation Towers** 

**Odorant Control Buildings** 

Offices

Oil & Gas (Field & Refinery Buildings)

Operational HQ Offices

Operations & Control Buildings

**Pool Facilities** 

Power Plants

Press Boxes

**Process Analytical Shelters** 

Pump Houses

Radio & TV Tower Buildings

Remote ATM Structures

Remote Mountaintop Installations

Restrooms

**SCADA** Building

Security Stations

Sensor Stations

Shelters

Shooting Ranges

Solar & Wind Generation Buildings

Solids Processing

Storage

Storm Shelters

**Sub-Stations** 

Telecom Shelters

Telecommunications Buildings

Ticket Booths

Toll Booths

Training Facilities

Visitor Centers

Warehouses

Water Treatment

Well House

Workshops









## INSTALLED IN JUST A FEW HOURS, NOT WEEKS PROVIDING A LIFETIME OF PROTECTION

#### **MINIMAL SITE PREPARATION**

#### SITE PREPARATION FOR BUILDINGS UP TO 24' WIDE

Install on a leveled 4-6 inch layer of crushed stone; no poured foundations or footings required.

#### STANDARD BUILDING SPECIFICATIONS

Meets Current IBC, ACI, and ANSI/ASCE requirements • Patented in USA and Canada

- Exterior Dimensions: 10' x 12', 12' x 16', 12' x 20', custom sizes available
- Interior Height: 8', additional heights available
- 5,000 psi steel-reinforced concrete
- Standard double doors, 6' 0"  $\times$  6' 8  $\times$  1 $^{3}$ /<sub>4</sub>", 18-gauge galvanized insulated steel, tamper-proof hinges, dead-bolt lock, adjustable mechanical door-hold-open arm, door stop & holder, rain guard
- Extruded aluminum threshold with integral neoprene seal
- 2 screened aluminum vents, minimum 7" x 18", 12.5 gauge
- Post-tensioned roof and floor, each by a single continuous tendon, creating radial compression in the roof and floor
- Exclusive turned-down roof with built-in drip edge; optional
- Roof load capacity: 60 psf standard; higher loadings available
- Wind load: 165 mph standard; higher loadings available
- Floor load: 250 psf standard; additional capacities available
- Bullet tested to UL 752, Level 5 (7.62 NATO round fired at 15')
- · Seismic Design Category D; higher loadings available

#### **HAZMAT — ADDITIONAL SPECIFICATIONS**

Meets EPA Spill Containment requirements

- Non-corrosive, skid resistant clean-out floor grating available
- · Extruded aluminum threshold
- 6' 0" x 6' 8" double steel doors with labeled 1-hour fire rating (higher ratings available)
- Larger secondary spill containment sump available

#### **INSULATED WALL PANELS**

- Composite wall panel construction combining concrete and insulation
- Improved Energy Efficiency of building envelope
- · Complete wall system solution by a single-source provider
- Superior fire resistance over traditional construction methods







#### FAST INSTALLATION PROCESS

EASI-SET Precast Buildings are easily transported and installed. Typically your installation can be completed in less than an hour.



Delivered to site completely pre-assembled, including precast concrete roof and floor.







## THE ONLY ULTRA-LARGE CLEAR-SPAN, ALL-PRECAST CONCRETE BUILDINGS ON THE MARKET

#### EASI-SPAN CLEAR-SPAN BUILDINGS: 20', 24', 30', 40', & 50' WIDTHS, UP TO 250' LONG



## EASI-SPAN ADDITIONAL SPECIFICATIONS

- Widths: 20', 24', 30', 40', and 50'
- Lengths: from 20' to 250'+ in multiples of 10'
- Heights 9' to 35'
- Custom sizes available
- Horizontal precast roof and floor joints sealed watertight with concrete-grouted keyways and transverse post-tensioning (Post-tensioning creates the equivalence of a monolithic two-way slab design)
- Field erected on EASI-SPAN precast concrete floor slabs or on customer's slab-on-grade, or delivered in pre-assembled "modules"

All sizes available through EASI-SET's network of licensed North American manufacturers. For specifications in an electronic format, visit precastbuildings.com

#### **SELECTED FEATURES**

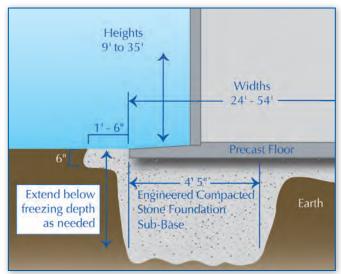
EASI-SPAN Precast Buildings offer all of the benefits of standard EASI-SET Buildings, PLUS:

**ULTRA-LARGE SIZES** Combine roofs with wall panels of varying lengths to create buildings up to 250'+ long.

**SELF-SUPPORTING CLEAR-SPAN ROOF** These modular precast concrete buildings are available with clear-span widths of 20', 24', 30', 40', and 50' in 10' sections.

**EXPANDABLE** The only precast building in the industry with the option to expand the length as needs change and still maintain the original monolithic structural roof.

**COMPOSITE FOUNDATION** Patented, engineered, compacted sub-base and floor system for 30', 40', and 50' wide buildings.

















#### **ON-SITE INSTALLATION SIMPLE AND FAST**













## EASI-SET RESTROOMS ARE EASY TO INSTALL, EASY TO MAINTAIN, AND AESTHETICALLY PLEASING.

#### STANDARD SPECIFICATIONS

EASI-SET Restrooms offer all the benefits of standard EASI-SET Buildings, plus these additional unique features:

- Meets IBC, ADA, ANSI, U.S. Forest Service & Local Building Codes
- FAN<sup>™</sup> (Fresh Air Naturally) Ventilation Technology eliminates restroom odors
- Waste and vent piping: ABS or PVC plastic
- Toilet, Urinal and Lavatories: Type 304 stainless steel or vitreous china
- Door or Wall Louvers (Vents): Fixed, non-vision, aluminum or cold-rolled steel with factory prime coat
- Windows: ¼" thick LEXAN polycarbonate with stainless steel frame

Additional products are available depending on the type of restroom and optional features.



#### **COMPONENTS THAT WON'T RUST**

**Recessed Stainless Steel Weld Plates** on the restroom panel connections prevent the common occurrence of rust-through that plagues other manufacturers' buildings.



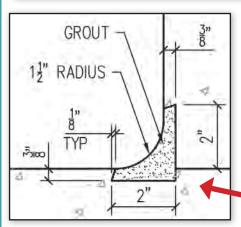
#### **WINDOW FRAMES & FIXTURES THAT LAST**

Stainless steel components that never rust and never need to be repainted.



#### WEATHER-TIGHT MODULAR BUILDINGS

On larger multi-user buildings, the standard practice of our competition is to use weld plates to connect the floor and roof sections of each unit together. This method allows uneven settling over time, causing problems. By using posttension strands running the full width of the building and grout keyways, we create a watertight 1-piece equivalent, monolithic structure.



## EASI-CLEAN® - NO WALL-TO-FLOOR CORNERS



Locked-in Grout Cove Detail. A two-inch reverse beveled recess connection at the wallto-floor junction locks in the radius-shaped grout creating an easy-to-clean joint that cannot collect dirt or grime.



#### **INSTALLED IN HOURS FOR A LIFETIME OF USE**

EASI-SET Restrooms are designed to be placed on a crushed stone base that provides adequate support and drainage.

Site requirements are attached to all specifications.

Pre-assembled buildings can also be set on a poured-in-place slab, a containment vault or a crushed stone base with openings in the floor for "stub out" pipes or electrical conduit. Larger, site-assembled Restrooms are attached to the slab using expansion anchors.

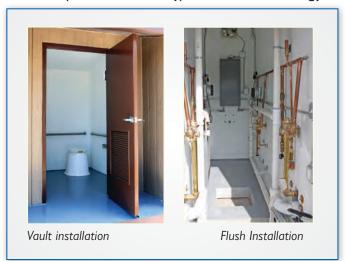
Ask about our Tornado Alley Upgrade with heavier connections and reinforcing and Flood Plain Option with sealed vault and riser features.

#### **FLUSH & VAULT OPTIONS**

All models can be outfitted with either water/sewer hook-up (Flush) or with a pump-out vault (Vault). Vault Restrooms feature the FAN $^{\text{TM}}$  natural ventilation system.



FAN™ (Fresh Air Naturally) Ventilation Technology



## SITE PREPARATION & INSTALLATION

VAULT (DRY, WITH NO WATER OR SEWER)





#### FLUSH (WITH WATER /SEWER)





#### **CHOICES TO PERFECTLY SUIT YOUR SITE, SOIL, & SCENERY**



#### **OUTBACK**<sup>™</sup> **SERIES:**

Blue Ridge™ Single, Flush/Vault

Sierra™ Double, Flush/Vault

#### **HUDSON BAY™ SERIES:**

Logan™ Single, flush/vault

Carson™ Double, flush/vault

#### UNISEX **SERIES:**

Conrad™ Single, flush

Morgan™ Double, flush

Essex™ Quadruple, flush

#### **SKYLINE**<sup>™</sup> **SERIES:**

Skyline<sup>™</sup> 12x22 Multiple, flush

Skyline<sup>™</sup> 24x20 Multiple, flush

Skyline<sup>™</sup> 20x30 Multiple, flush

#### **CONCESSION/ RESTROOM:**

**Appalachian**<sup>™</sup> 24x20

Multiple/ Concession, flush

**Appalachian**<sup>™</sup>

24x30 Multiple/ Concession, flush

#### **MULTIPLE ROOF STYLES**



 $Outback^{TM}$ **Series Roof** Easi-Set's proprietary design



EASI-SPAN<sup>TM</sup> Clear Span Roof available on the Skyline™ 24x20 Skyline™ 20x30 Appalachian™ Series



**Gabled Roof** 

left to right or front to back, available in the Hudson Bay™ Series **Unisex Series** Skyline™ 12x22



#### Tapered Roof

with slight pitch from front to back, available on the Skyline™ 12x22



**Custom Roof Styles** 

Done in precast: Hip Roof (shown)

Built as addition over precast roof:

Wood & Shingle (shown) Metal



#### **BUILDINGS THAT FIT INTO YOUR EXISTING LANDSCAPE**



Concessions and Restrooms



State Park Restrooms



Concessions and Restrooms



Town Park Restroom



Easi-Span Restroom



Custom Building



Dugout



Pump Station



School Buildings and Classrooms



Communications



Storage



Press Box

#### EASI-SET BUILDINGS: DURABLE. RESILIENT. BUILT TO LAST.





NO ICE GUARD REQUIRED! Post-tensioned roof design withstands the impact of a 100lb block of ice dropped from 200 feet without any internal or external damage.

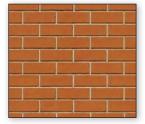


Crane dropped on building



#### **STANDARD & CUSTOM FINISHES**

In addition to these standard finishes, EASI-SET Buildings can be manufactured with custom finishes and colors. We can help you design the perfect building to fit right into your existing landscape. Anti-grafitti coatings also available.







**Exposed Stone** 



**Broom** 

# EASI-SET BUILDINGS ARE VIRTUALLY INDESTRUCTIBLE, RUGGED AND RESISTANT TO:

#### **VANDALISM**

- Steel-reinforced precast concrete
- · Tamperproof hinges
- · Dead-bolt locks and steel doors

### HURRICANES, EARTHQUAKES, AND SEVERE WEATHER

- Weather-tight standard buildings withstand wind loads up to 165 mph. Higher load designs available.
- Seismic Designs up to Category F

FIRE RESISTANCE RATED

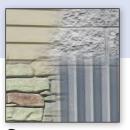
BULLET TESTED TO UL 752, LEVEL 5

PETROCHEMICAL BLASTS

Designs available



Barnboard



Custom



#### PROUDLY MANUFACTURED BY

#### **CONTACT US TODAY AT PRECASTBUILDINGS.COM OR 1.800.547.4045**

