

# Security Buildings



## Pre-Assembled Units Deliver Fast, Affordable Solutions

All PortaFab pre-assembled buildings are shipped fully equipped and ready for instant use wherever you need them.

## Superior Quality Construction

All aluminum construction eliminates rust. Sturdy all welded framing insures structural integrity. Unique assembly system has no exposed structural fasteners. Quality materials and attention to detail assure long-lasting maintenance free performance.

## A Total Source

PortaFab gives you a total system for all your needs. Standard sizes from 3' x 4' to 8' x 16', with a choice of three roof styles. Standard aluminum or optional colors, plus simulated brick finishes available. Numerous options including heating, A.C. and exhaust fans, sound reduction panels and explosion proof electrical systems. Whatever your application PortaFab offers you a quality, cost-effective solution.



## Customized Units a Specialty

If you don't find the answer among our standard units, just ask. We specialize in options that meet particular needs and we have the experience to get the job done at a price you can afford.

## Complete and Ready To Use

Buildings are shipped fully assembled, ready to move in. Standard units include a floor, 360° visibility with double-sliding tempered safety glass windows, lighting and electrical outlets and heavy-duty doors. Options include tinted glass or Lexan windows, HVAC equipment, spotlights, restrooms, custom colors. For added security, bullet-resistant construction and explosion proof electrical are available.



**Bullet-Resistant Construction and  
Explosion-Proof Electrical Available**

For more information and pricing  
**Call 1-800-325-3781**  
**Fax 1-636-537-2955**  
or visit [www.portafab.com](http://www.portafab.com)

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Modular Building Systems

# Specifications

# Standard Pre-Assembled Buildings

## Structural

All structural components to be extruded aluminum 6063-T5 alloy. Base to be 4" x 3" x 3/16" angle (4" structural channel used on buildings larger than 8'x12', buildings with no floor and two piece buildings); corner posts to be 3" x 3" x 3/8" grooved angle; grooved intermediate tees to be 3" x 2 1/8" x 3/8" ; top angle to be 2 1/2" x 2 1/2" x 3/16".

## Welding

All structural components to be certified welded at all intersections to create a unitized framework. No rivets, bolts or other fasteners shall be used in joining structural components.

## Wall Panels

Panels to be minimum of 1/2" Medex™ laminated on both sides with .030" fiberglass reinforced plastic. Panels will be attached to the structural members with fasteners not exposed on the building exterior.

## Floor

Flooring to consist of one layer of 5/8" particle board and one layer of 5/8" plywood underlayment as the core with a vapor barrier on the exterior surface. Interior surface shall be aluminum treadplate on buildings up to and including 48" wide and vinyl tile on all other buildings.

## Ceiling

Ceiling to be minimum 5/8" white vinyl-faced particle board.

## Windows

Windows to be heavy-duty sliding, lockable and pile weather-stripped. Glass to be minimum 1/8" clear tempered safety glass.

## Doors

Swing doors to be 20 gauge steel, 1 3/4" thick with threshold and 2' x 2' window with minimum 1/4" clear tempered safety glass. Hinges to be 1 1/2 pair 4 1/2" x 4 1/2". Lockset to be commercial quality, key-in-knob type; closer to be spring type; and frame to have continuous vinyl gasket. Sliding doors to be aluminum, painted white, fully weather-stripped and lockable. Upper portion to be glazed with minimum 1/4" clear, tempered safety glass and lower portion to have a solid panel with matching interior and exterior surfaces.

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## Electrical

All conduit and wiring will be surface-mounted and installed in accordance with the National Electrical Code and carrying the IBEW label. Conduit is 3/8" or 1/2" mc cable and wire is #14. Included is a 100 amp circuit breaker box with a 70 amp main and three circuit breakers; fluorescent lighting, 110 volt, 15 amp duplex outlet, 220 volt, 20 amp single outlets and 15 amp switches as shown on drawings. Fixtures, heaters, etc., carry the UL label.

Should your local code not be in agreement with the National Electrical Code, it is your responsibility to notify us. Other types of electric (20 amp outlets, 3/4" conduit, #12 wire, etc.) are available. Consult factory for pricing and lead-time.

## Miscellaneous

Complete building with optional outside roof shall be watertight and interior commercial shelf to be furnished on buildings no more than 48" wide. Floor-to-ceiling height will be approximately 6' 10 3/8", overall height to be 89" and with optional roof, approximately 92"

## Integral Roof Option

Factory installed integral roof to consist of 5/8" plywood with vapor barrier on the exterior surface. Buildings larger than 4' by 8' to receive two layers of 5/8" plywood. Roofs to include aluminum gutters around the entire perimeter.

## Outside Roof Options

"K-D" outside roof shipped for assembly and installation on site by others. Decking to be standing seam formed, pre-finished white aluminum, nominal 12" wide panel, .028" thick. Roofs with overhangs larger than 12" to have reinforcing angles included. Perimeter to be extruded aluminum fascia and gutter trim.

## Options

Many options are available including outside roofs with various overhangs; custom roofs and fascias; painted, simulated brick, stone or aggregated exterior panels; thermal insulation for floor, ceiling or walls; tinted, wire, polycarbonate, insulated or Plexiglass; fork-liftable; and heating or air conditioning units.

## Note:

PortaFab Corporation reserves the right to change or alter these specifications at any time for product improvement.