Precast Concrete Restrooms
Sierra®

Engineered Designs

Economical
- No Foundation Required
- Lower Installation Costs
- ADA Compliant
- Lifetime Roof Warranty
  - Lower Maintenance Costs
  - Weather-tight Construction
  - Standard Roof Heights
  - Meets All Current Building Codes
    - ANSI/ASCE 7-02 and IBC 2003
    - Heavy Duty Walls and Floors

Secure
- Vandal Resistant: Steel-reinforced precast concrete construction, tamper-proof hinges, dead-bolt locking systems and 18-gauge galvanized steel insulated doors.

Durable
- Rugged: Patented post-tensioned technology withstands all weather, temperature, impact and seismic requirements.
- Weather-tight: Roof and Floor design provides industry leading water-tight construction.
- Maintenance Free: Will not rust, warp, corrode, rot, or burn while retaining exterior appearance without any additional maintenance.

Practical
- Prefabricated: Tightly controlled manufacturing standards, Transported to site preassembled.
- Maintains structural integrity during shipping and installation using proven precast technology
- Simple Installations: Usually completed in only 1 day
- No Foundations Required: Just a simple level, compacted crushed stone base
- Protected against freeze-thaw cycles
Specifications

- Roof load capacity: 350 psf (standard building: 250 psf)
- Wind load: 130 mph (standard building)
- Floor load: 250 psf
- 5000 psi steel-reinforced precast panels with welded connections. (standard building: bolted connections)
- Bullet tested to UL-752, Level 4
- 18-gauge galvanized steel insulated doors, tamper-proof hinges, dead-bolt lock, door stop and holder.
- Lifetime roof: post-tensioned by a single continuous tendon creating radial compression in the roof.
  No coating required.
- Wet/Dry: can be connected to city water and/or sewer or be self-contained.
- FAN™ (Fresh Air Naturally) Ventilation Technology eliminates restroom odors. (Dry Hookups only)
- Meets and exceeds US Forest Service Specifications.

Outfitting

Dry

Wet

Murdock Super Secure Fixtures in 304 Stainless Steel:
Model 1001-R, Toilets with flush valves, hinged seats & waste connections
Model 1011-1, Lavatories with Cold Only air control metering valves and waste connections
Model 1104, ADA mirrors
Model 1133, 36 inch grab bars
Model 1134, 8 inch grab bars
Model 113-PL, Tissue dispensers with brass padlocks
Model 1142, Chrome plated hose valves with vacuum breakers
Model 1107, Entrance signs with braille