

Designed to be:

- **Light-Weight**

Our light-weight design produces a shelter that is more easily transportable than shelters manufactured from other materials. Our shelters are designed and built to be easily relocated should the need arise.

- **Highly Reliable**

With great attention to detail, Dupont Building has designed a shelter which offers superior protection for today's sensitive equipment. Highly durable and environmentally sound, Dupont shelters can be relied upon for many years of dependable service.

- **Affordable**

In today's competitive marketplace, budget considerations have become increasingly important. With lower transportation and offloading cost, less site preparation, and our competitive costing structure, Dupont Building, Inc. is the right choice to meet your shelter requirements.

- **Attractive Roof Line Drip Edge**

Attractive drip edge may be used for attachment of gutters or edge for brick siding application.



This Dupont shelter and several others survived a 19 foot tidal wave and 10 hours of 140 mph wind, with gusts up to 160 mph. It was 1/2 mile inland off the coast of Louisiana where Hurricane Rita hit. As well as being durable the light weight design makes our shelters ideal for mountain top applications.

Emergency Systems

Dupont Building can provide emergency power systems for your projects. As an authorized representative for Generac power systems, Dupont Building has the ability to specify and provide the best emergency power available. Interior and exterior units are available, and can be fueled either by Natural Gas, LP Gas, or Diesel.

DUPONT BUILDING INC.

A PACESETTER IN THE MODULAR SHELTER INDUSTRY

Fiberglass Buildings • Metal Buildings
Building Repairs • Fiberglass Fabrication
Platform Fabrication • Site Services

www.dupontbuilding.com

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Optional Exterior Finishes

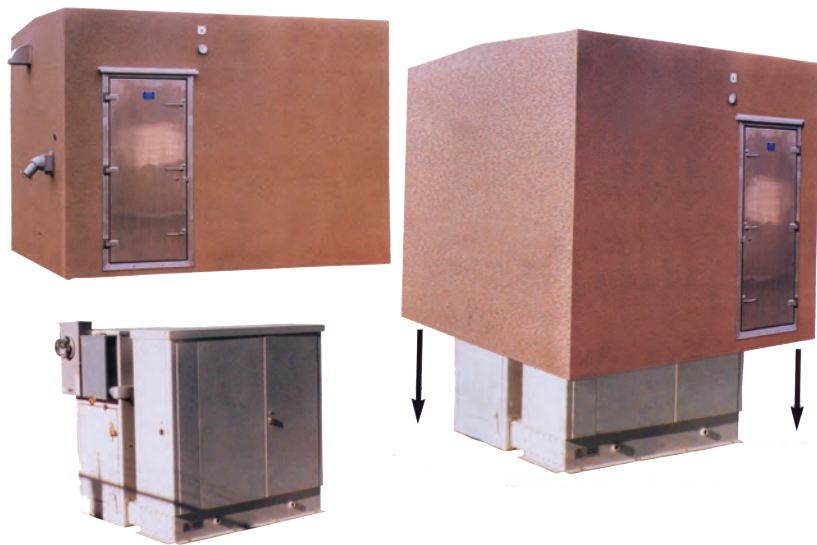
The exterior appearance of a Dupont fiberglass shelter can be easily adapted to meet any requirement. When something other than the standard "Stone Flake" finish is required, several optional finishes are available.

- **Brick**
- **Wood**
- **Vinyl Siding**
- **Metal Products**
- **Many other options are also available.**



Floorless Shelters

Custom Designed to meet your needs and requirements. A "floorless" shelter for lowering over your existing equipment configuration.



1.0 GENERAL EQUIPMENT SHELTER

This specification includes all labor, equipment, materials, and the performance of all necessary operations in connection with the fabrication and installation of a complete, transportable equipment shelter. The shelter is designed for the express purpose of housing electronic equipment and related components within the controlled environment necessary for proper operation.

2.0 SCOPE OF WORK

The shelter is pre-assembled and fiberglassed, completely air, dust, and weather-tight with all appurtenance.

3.0 SHELTER SIZE

Dupont shelters are custom built to client specifications.

4.0 MINIMUM STRUCTURAL REQUIREMENTS

Skids: The shelter skid is made of structural steel. The skid beams are full lengths of 6" I-Beam; the ends braced with 6" channel or beam. Floor joists are made of 3" channel iron on 16" centers. The perimeter of the joists are then encircled with 3" x 2" tubing. Hoisting eyes are built into the shelter skid. Sufficient steel cross bracing is included to prevent the structure from bending or breaking during transportation. All connections are welded, and the entire skid is hot dip galvanized to protect it from corrosion.

Floor: The floor is constructed of exterior grade plywood on the underside and 1-1/8" tongue and groove plywood, separated by insulation. Floor joists are 2" x 4" 's laying flat on 16" centers bolted to the skid at 16" intervals with 1/4" stainless steel bolts.

The exterior surface of the floor system is sprayed with fiberglass before being attached to the skid.

The interior surface of the floor is covered with commercial grade tile which is held in place with waterproof glue, or can be fiberglassed.

Walls: The walls are fabricated in sandwich fashion with a minimum thickness of 4" and are fully insulated. Framing can be plywood or steel.

Interior walls are plywood covered with 3/8" or 1/2" plywood with FRP. Matching molding and trim are installed to finish the interior. Exterior walls are sheeted with an exterior plywood or cement board and can be lined with steel plates to meet UL 752.

General Specifications

Ceiling: The ceiling is interior grade plywood, covered with FRP. Matching molding and trim are installed to finish the ceiling.

Roof: The roof is fully insulated, fabricated with rafters cut to slope to prevent water ponding. The exterior of the roof is a layer of exterior grade plywood or cement board protected with a mixture of polyester resin and chopped fiberglass 3/16" thick.

Doors: Each room of the shelter is provided with a heavy duty marine aluminum door framed for outside opening. Each door is a minimum of 7' high and 3' wide, fully insulated and weather stripped, equipped with wedge locks, safety chain, dead bolt locks, non-rusting hinges, and door check.

Openings: All openings are fiberglassed from the outside in for a complete seal.

Thermal: All walls, floor, ceiling, and doors are fully insulated. All insulation is installed in a manner that does not allow sagging due to environmental conditions or long term service.

Electrical: All wiring is housed in surface mounted EMT conduit. Grounded outlets are located in strategic positions to ensure access to any location of equipment. Dual element fluorescent lights are installed to deliver optimum lighting and are controlled by an inside switch. All wiring is installed in accordance with the latest issue of the National Electric Code.

Penetration Plates: Standard penetration plates manufactured by Microfect, Polyphaser Etc. are available. Dupont Building also custom manufactures plates, from marine aluminum, to client specifications.

Accessories: Cable trays, equipment racks, main frames, ground bars, halo grounding systems and shelter alarm packages are installed to the clients specifications.

Environmental Control Systems: Wall mounted HVAC units, window type air conditioners, exhaust fan systems, heaters and passive ventilation systems are installed to client specifications.

Secondary Power Supplies: Generators or UPS systems are installed to client specifications.

Interior Finishes

FRP Paneling is durable and easy to clean. Whether the finish is textured or smooth, this product reflects light well and makes for an attractive and functional shelter.



Containerized Shelters

Dupont "Containerized" shelters are an extremely durable, low maintenance unit built into newly manufactured shipping containers. Containerized shelters are perfect for emergency, temporary or permanent use, and can be easily shipped either domestically or internationally. These highly secure shelters offer many years of environmental integrity. Optional interior and exterior finishes make Dupont Containerized shelters the right choice for your specialty needs.



Solar Shelters

