



PREFABRICATED STEEL SHELTERS

General

Prefabricated shelter constructed from steel structural tubing (A 500 Grade). Length and width dimensions as required per application – with a 91” nominal outside height. Interior dimension from floor to ceiling shall be 83 ½”. Shelter is shipped fully assembled.

Frame

Frame Construction: Shall be welded structural steel construction. Structural components to be welded together at all intersections creating a unitized framework. Structural corners and uprights to be constructed 2 x 2” (minimum) cold drawn mechanical tubing.

Ventilation Space

Vent Opening(s): Six (6) inch ventilation space can be provided at the top, bottom, top and bottom or no ventilation space per application.

Ceiling and Roof

Ceiling: Interior ceiling shall be insulated core panel system providing smooth flat interior, constructed from 20 GA galvanized steel, able to support optional lighting or heat panels.

Standard Flat Roof:

Constructed using aluminum interlocking pan sections. Sections are able to support minimum of 40 psf live load. Roof drains into full perimeter 5” high extruded aluminum fascia/gutter system. Standard full perimeter roof overhang is 4”. Alternate roof styles are available.

Glazing/Windows

Windows: Fixed windows shall be single pane 3/16” (minimum) clear tempered safety glass. Glass shall be framed to building using steel/aluminum framing system.

Optional Walls

Wall Panels: Exterior shall be 14 GA cold rolled galvanized steel panels. Interior shall be 18 GA cold rolled galvanized steel panels.

Entryway

Opening: One (1) open entryway provided as requested per application

Finish/Painting

Finish: All steel surfaces shall be painted with rust inhibitive acid based primer. All exposed interior and exterior steel surfaces painted with minimum one (1) undercoat and one (1) finish coat of automotive acrylic enamel paint with a photochemically reactive hardener. Finish is to be air dried. Choice of one (1) paint color as selected by Owner

Installation/Anchoring

Method: Shelter installation requires concrete pad to be 12” (minimum) larger than shelter in both length and width dimensions. Pad must be level within ½” over length and width structure. Shelter to be mounted to pad using ¾” expansion bolts embedded 3 ½” into pad. Option for adjustable steel sleeves when needed.

Note: Standard specifications listed above can be customized based on performance requirement