

Prefabricated Steel Shelters

1.0 General

Prefabricated all welded steel structural tubing A 500 Grade alloy, overall interior height of 88” and approximately 91” exterior roof.

2.0 Structural Components

A. Frame

All structural components to be welded together at all intersections creating a unitized framework. Structural corners and uprights of minimum 2" x 2" x 3/16" structural steel tubing.

B. 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.

C. Openings

Choose from 3-Sided or 4-Sided shelters. 4-Sided shelters can have one (1) or two (2) entryways into the shelter as needed.

D. Exterior Roof

Constructed using aluminum interlocking pan sections. Exterior waterproof roof with 4" overhang to be flat style with full perimeter gutter and 5" high fascia.

E. Ventilation Space

Standard is bottom ventilation, but top ventilation and no ventilation can be acquired as needed.

F. Painting

All steel surfaces painted with rust inhibitive acid-based primer. All exposed interior and exterior steel surfaces painted with minimum one undercoat and one finished coat of automotive acrylic enamel paint with a photochemically reactive hardener, air dried. Choice of one paint color as selected by customer.

3.0 Installation/Anchoring Method

Shelter installation requires customer provided 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 anchored to concrete pad using provided anchor bolts, nuts and washers. Shelter will arrive knocked down and crated. Shelter requires using concrete expansion anchors to attach to customer provided concrete pad (not included).

Note: Steel shelter will be shipped as one piece and ready for installation upon offloading, concrete expansion anchors are required for anchoring. Standard specifications listed above can be customized based on performance requirements.