

PREFABRICATED ALUMINUM SHELTERS

General

Prefabricated shelter constructed from low maintenance, lightweight corrosive resistant aluminum. Length and width dimensions as required per application – with a 88" nominal outside height. Interior dimension from floor to ceiling shall be 83". Shelter is shipped unassembled; and will require site assembly.

Frame

Frame Construction: Provide structural framing of aluminum alloy extrusions. Connections shall be fastened to framing system using mechanical fasteners creating a unitized framework.

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 & Roof

Ceiling: Interior ceiling shall be an insulating core system providing smooth flat interior able to support optional lighting or heat panels.

Standard Flat Roof: Constructed using galvanized steel (or aluminum) interlocking pan sections. Sections are able to support minimum of 40 psf live load. Roof drains into full perimeter fascia/gutter system. Standard full perimeter roof overhang is 4". Alternate roof styles are available.

Walls (Full Wall, Half Wall Available)

Lower Wall Section: Constructed using .032 GA (minimum) smooth, flat aluminum panel.

Glazing/Windows (Full Glass, Half Glass Available)

Windows: Fixed windows shall be single pane 3/16" (minimum) clear tempered safety glass and shall be fastened with aluminum stops and framing.

Entryway

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

Finish

Finish: Anodized aluminum framing. Standard colors are dark bronze, clear anodized and white.

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 1/2" over length and width of structure. Shelter to be anchored to pad using height adjustable aluminum boot and anchored down using 2" x 1/4" expansion anchors (expansion anchors not included).

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