

### STANDARD FEATURES & AVAILABLE OPTIONS:

Each shelter kit comes complete with all components which have been factory cut, welded and powder coated along with illustrated installation instructions and hardware to assemble a free standing bolt together structure.

**Design Criteria:** Structures are typically designed for a 25 lb live load and a 90 mph wind load capacity, but can be designed based on specific site requirements upon request. Also available with Economy Version (EV) for residential or less stringent design locations with smaller more economical member sizes.

**Steel Frame:** All structural framework members are ASTM A-500 U.S. Grade B tubular steel. Welded connection plates are ASTM A-36 hot rolled steel and all welding is performed to the latest AWS standards by ASTM Certified welders. All framing connections are done using A325 grade bolts within concealed access openings from above and will later be concealed by the roofing. All roof framing shall be flush against the roof decking to eliminate the possibility of bird nesting.

**Frame Finish:** All steel framework will undergo a four step powder coat application. The process begins with welded raw steel being sand blasted to a white condition to eliminate contaminants and oils followed by an iron phosphate wash to prepare the steel for primer and paint. A zinc-rich primer is then applied and baked at 400°F, followed by two coats of corrosion protective TGIC Polyester powder coat, electro-statically applied and cured at 400°F. A large selection of standard and custom colors are available.

**Roof:** 24 Ga. pre-cut Multi-rib steel panels with Kynar 500 finish in a variety of colors with white underside. Standard roof slope is a 4/12 pitch with a eave height of 8'-0". Attached to structural framing with engineered strength self tapping screws. Other roof materials, eave height and pitch are available upon request for an additional cost.

**Foundation:** All columns need to be anchored to concrete footings (footing design provided separately). Columns can be surface mounted with anchor bolts at or below finish slab elevation or they can be embedded directly into the footing.

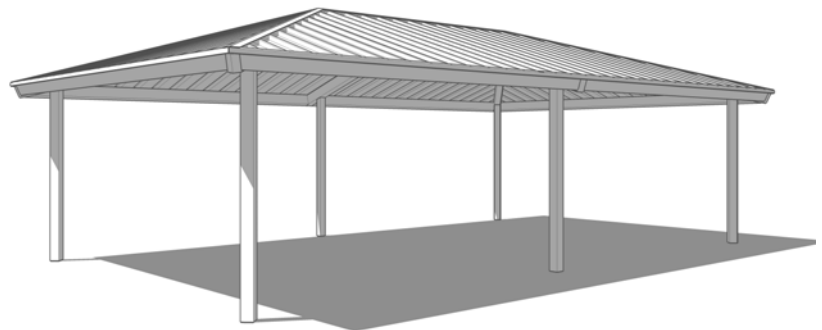
**Hardware:** All structural hardware and roofing fasteners shall be provided.

**Warranty:** 5 years against manufacturer defects.

**Not Included:** Concrete work of any kind, unloading of product and installation.

### Additional Shelter Options:

- Flexibility of Design  
Such as: Height and Pitch
- Additional Engineering
- Variety of Colors
- Provisions for Electrical
- Decorative Railings, Lattice, Braces, Trim, etc.
- Cupolas and Rooftop Accs.
- Column Style Variations
- Lexan Wind Screens
- Tongue & Groove Roof Decking
- Asphalt Shingles, Standing Seam, Cedar Shake, or Clay Tile Roofing.
- Composite Finished Ceiling
- Site Furnishings and Accs.
- Solar Panels & Solar Lighting



**Standard Widths:** (measured from eave to eave)  
12', 16', 20', 24', 30', 40'

**Standard Lengths:** (measure from eave to eave)  
20', 30', 40', 50', 60', 70', 80', 90', 100'

Also available with Vented Top & Double Pitch roof options.  
Custom design & sizes are always available.