

Cedar Forest Products Co.

STEEL HEX & OCTAGON PAVILIONS

Our Steel Hex & Oct Pavilions stand up to any challenge

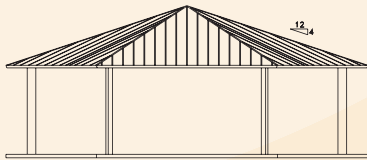
Decades of skill and experience go into every one of CFP's durable steel structures, and it shows. People love their versatility and the ease of installation — no welding or special tools are ever required.

- Uses a minimum live load of 30 PSF and a minimum wind load based on 80 MPH wind speed — consult Cedar Forest Products for higher load requirements
- Optional cupola and overhead decorative railing and handrail packages available
- two-tier designs available
- All building structures are pre-cut, prefabricated and shipped as components of the building package

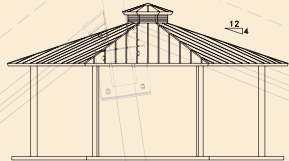
Pavilion Ornamentation

Pre-built cupolas and decorative railing packages are available with all Hexagon and Octagon Pavilions.

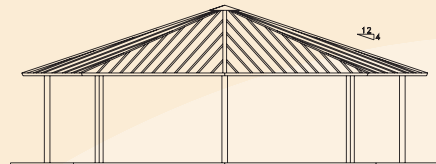
- Vented louvered steel frame and louvered wood frame cupolas available
- Optional decorative hand railing and ornamentation available for Hexagon and Octagon Pavilions
- Choice of four decorative railing and handrail packages
- Finished in custom roof panel color selections
- Various roof pitches available



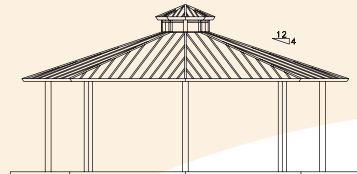
HEXAGON PAVILION: HSP16, HSP20, HSP24, HSP28, HSP36



HEXAGON PAVILION (optional cupola)



OCTAGON PAVILION: OSP20, OSP28, OSP36



OCTAGON PAVILION (optional cupola)





HEXAGON STEEL PAVILION HSP

BUILDING STRUCTURE(S) SHALL BE HEXAGON STEEL PAVILION, AS FURNISHED BY CEDAR FOREST PRODUCTS COMPANY, P.O. BOX 98, POLO, ILLINOIS, 61064, USA, 815-946-3994 OR 800-552-9495.

SPECIFICATIONS

Cedar Forest Products steel shelter structures are engineered and manufactured in Polo, Illinois, USA and shall be designed in strict accordance with the BOCA National Building Code (2000 Edition) using minimum live load PSF, a minimum wind load based on a 100 mph wind speed. Heavier load requirements consult Cedar Forest Products. The building structures are pre-cut, pre-fabricated, and shipped as components to a building package. No on site welding required. Any changes or departures from design shall be explained and documented by complete engineered drawings of a registered structural engineer at least seven days prior to bid date.

STEEL PANEL ROOF SYSTEM

24-gauge steel panel roof system shall conform to ASTM-A-446 and to be hot-dipped galvanized with a substrate coating of G-90 per ASTM-A-525, UL90 rated. Panel configuration shall have a 1 1/8" high trapezoidal shaped major rib, tapering in width from a 1" to 3 1/4" wide at the base of the panel. Major ribs shall be on 12" centers. Two additional minor ribs shall be provided on 4" centers between the major ribs. Panel shall provide one purlin bearing leg and provide a 36" net coverage. Standard paint system shall be siliconized modified polyester meeting the following specifications:

- 1) The primer paint must be pigmented with corrosion inhibiting pigments. It shall have a dry film thickness of .020 mils. (.00020 inches) on both sides of the sheet. The roofing (exterior) finish coats shall have a dry film thickness on both sides of the sheet.
- 2) The roofing (exterior) finish coats shall have a dry film thickness of .80 mils. +/- .1 (.00040 inches) over the primer.
- 3) The backer (interior) underside ceiling finish coat shall be white, and have a dry film thickness of 0.40 mils. +/- .1 (.00040 inches) over the primer.
- 4) Colors shall be manufacturer's standard.
- 5) Exterior Finish shall have a 20-year written warranty.

Panels shall be attached to steel frame with self-drilling screws per manufacturer's instructions. Trim shall be rolled-formed steel with matching roof colors. All structural members shall be fabricated from structural steel tubing conforming to ASTM A-500. All structural steel members shall be designed in accordance with the requirements of American Institute of Steel Construction (AISC) and American Iron and Steel Institute (AISI). The steel support columns shall be sized to suit loading requirements.

WELDING

Certified welders shall perform all shop welding. All welding shall be performed in accordance with the American Welding Society (AWS), Structural Welding Code- Steel (AWS).

FINISH

Steel frame shall be prime painted with a corrosion resistant primer. Finish coat: Premium rust control latex inhibitive enamel as manufactured by PPG, or equal. Surface preparation in accordance with SSPC-SP10. Choice of seventeen standard colors.

STRUCTURE ERECTION

The fabricator shall furnish complete shop drawings showing necessary details. Installation of the structure shall be done with a competent supervisor in the construction trades according to Cedar Forest Products installation instructions providing proficient construction practices and procedures. The general contractor is responsible for the security of materials after its arrival at the destination. The contractor will be required to shim, cut, and make adjustments for proper building erection. Cedar Forest Products has a policy of continuous improvement and reserves the right to discontinue or change specifications without notice.

ENGINEERING

Building material packages that are designed and manufactured by Cedar Forest Products are reviewed by a registered structural engineer. Stamped structural drawings by a registered engineer licensed in the state of the project are available upon request. Structural calculations are available for an additional fee. Not included in our package is the site-specific design of the foundation. No foundation stamped engineer drawings or calculations are provided by Cedar Forest Products. The purchaser must consult with a local registered structural engineer if the soil bearing conditions are different than those indicated in our drawings. The design, excavation, and construction of the structure(s) foundation must be verified by a local registered structural engineer.