



AMERICAN STEEL
BUILDING CO. LLC

ASBC STANDARD FEATURES

Primary Framing

ASBC uses minimum 55 ksi yield strength material resulting in smaller web-depths increasing your usable interior space.

automated welding minimizes human error.

base Plates, connection plates, flange brace plates and clips are factory welded in place, helping minimize field labor.

Secondary Framing

Purlins and Girts, typically “By-Pass” mount. Girts (sidewalls and Endwalls) are minimum 8” depth. Members are cold-formed Z-

Sections, minimum 16 gauge, and up to 12 gauge, 55 ksi

Purlins (roof) are minimum 8” depth, 10” and 12” available

Depending on design requirements. Cold-formed Z-sections, minimum 16 gauge, up to 12 gauge, 55 ksi material.

Eave Strut

Cold-formed flange C-sections. Top built to match roof slope.

Base Angle

Continuous 14-gauge Sheeting Angle for use at the gable ends.

Primer

After fabrication process, once all welding, drilling and punching Of holes is complete, a coat of factory primer is applied.

Bracing

Necessary bracing based on design and building loads is applied

Roof Panels

High quality Commercial Rib Panels, 26 gauge minimum, 80 ksi

Yield strength material. Better resistance to damage due to hail And other debris. Galvalume Plus with a standard 25-year warranty is used for superior resistance to the elements.

Standing Seam Roof Panels available, 24 gauge minimum

Wall Panels

High quality Commercial Rib Panels, 26 gauge minimum, 80 ksi

Yield strength material. Better resistance to damage due to hail And other debris. Galvalume Plus with a standard 25-year warranty is used for superior resistance to the elements.



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Paint Finish

25-year Standard siliconized polyester paint system, Kynar finish available.

Bolts/Fasteners

A-325 bolts for all primary member-to member connections
A-307 bolts for all secondary to primary and secondary to secondary connections.

Self-drilling and self-tapping fasteners for roof and wall panels

Fasteners come pre-assembled with steel protector caps and neoprene washers.

Weather-tightness Package

Closed-cell Neoprene Strips, preformed to match the profile of

Your panel with self-adhesive backing are included with every ASBC building to ensure a weather-tight seal against the weather. Closures are provided for the roofline, eave and base.

Mastic Sealant for roof sidelaps, endlaps, and ridge cap is included for a cohesive, weather tight roof.

Drawings and Submittals

Anchor-bolt plans, Erection/Construction drawings, Letter of Certification, factory labeled parts All Drawings engineered by a P.E. registered in the State where the building is going to erected.