AMS
Architectural Metal Systems

The Leader in Value-Added Metal Roofing Systems

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BuyLine 3060

Unique Features

- Architectural Flexibility and Appearance
- Highest Quality Products
- The Industry's First Third-Party Quality Certification Program
- Life Cycle Cost Savings

Architectural Flexibility and Appearance
The use of metal roofing systems is growing at a phenomenal rate. AMS roof systems, available in a full range of attractive panel options and colors, allow design flexibility meeting virtually any design requirement. By adding our selection of engineered, light-gauge sub-framing systems, which allow quick and economical changes in roof slopes and configurations, the design possibilities are endless.

Highest Quality Products
AMS roof and wall panels are available in a wide range of premium Marquis Series Kynar 500® or Hylar 5000® finishes and are available with an industry-leading 35-year paint finish warranty. AMS panels are also available in a full range of cool-scape™ heat reflective colors to help fight the energy war. Reflectivity values on medium-to-dark colored roofs can now be increased to meet Energy Star® specifications for steep-sloped roofs, resulting in lower energy costs, longer roof life expectancies, greater roof color flexibility, and a better environment in which to live. In addition, AMS products are fabricated in facilities certified by the American Institute of Steel Construction (AISC), the industry's most stringent quality certification program.

The Industry's First Third Party Quality Certification Program
When it comes to new or retrofit roof designs, you can now offer your clients a Weather Sure weathertightness replacement warranty. This warranty, unmatched in the industry, is backed by an independent third party inspection and certification. The warranty covers both parts and labor when installed by one of our highly trained Certified Roofing Contractors.

Life Cycle Cost Savings
Metal roofing systems are the most weathertight and longest lasting roofing solution on the market. When life cycle costs—the initial investment cost, on-going maintenance costs, insurance costs and energy savings—are all factored into the overall equation, metal roofs are the most economical, long-term option available.

Habersham County 9th Grade Academy
Demorest, GA

Merriam Farmers Market
Olathe, KS

Houston County Jail
Dothan, AL

Galati Yacht Center
Destin, FL

Orlando/Sanford Airport
Orlando, FL

Tallahassee Community College
Tallahassee, FL

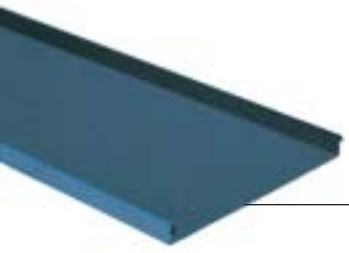
PANELS

AMS Standing Seam II and Standing Seam 360

Provide 24" width coverage and have 3" high ribs including seams. Ribs are 4¾" wide on 24" centers. Standing Seam II panels are locked together with a mechanical seamer. Standing Seam 360 panels have full 360-degree rolled seams formed with an electrical seaming machine. Both have factory-applied mastic.

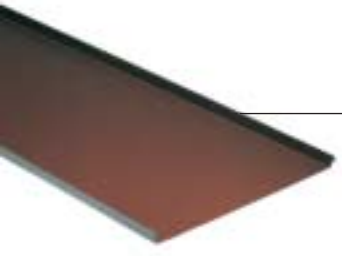
AMS Loc-Seam and Loc-Seam 360

Panels are flat profile standing seam panels in widths of 12" or 16" with 2" or 3" high ribs. All Loc-Seam panel seams are formed with an electrical seaming machine. Loc-Seam panels have a 90° roll and Loc-Seam 360 panels have full 360-degree roll for added strength. Both are specially designed for attractive appearance on higher profile roofs.



AMS Seam-Loc

These architectural standing seam panels, with a 1¾" seam height, are available in 12", 16" and 18" width coverages. They are designed to be utilized over solid substrates but also can be used over open structural framing. A minimum slope for the Seam-Loc roofing panel is 3:12.



AMS Mansard Fascia

Panels may be mounted over solid substrates for architectural standing seam or mansard roof design. They use a standing seam type locking device and concealed fastener clips. Panel width coverage is nominal 10" or 18" in 24-gauge steel. Seam height is one inch. Panels are designed for mounting over solid substrates, with a minimum slope of 3:12.

AMS Long Span III

Panels are a high-quality, economical choice for wall or roof systems. Panels have 36" width coverage with 1¼" ribs on 12" centers for an even-shadowed appearance. Manufactured from 22, 24 or 26-gauge steel, with reinforced areas between the panel ribs for extra strength.

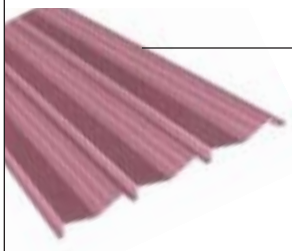
AMS also has a full range of attractive wall panel systems for building, remodeling and renovation projects. AMS wall panels provide a choice of colors, textures and shadow patterns. They are available with semi-concealed or concealed fasteners, and with embossed finishes, for just the effect you wish to achieve.

AMS Architectural III

Panels provide 36" width coverage with 1¼" ribs on 12" centers, creating a smooth, decorative shadow line. Panels have semi-concealed fasteners and are available in 22, 24 or 26-gauge steel.

AMS Shadow

Panels have a deep-fluted profile that accents shadows. Panels have 16" net width coverage and are fastened to the framework from inside the building, leaving no exposed fasteners. Panel depth is 3". Panels are finished with an embossed exterior and constructed of 24-gauge steel.



AMS Architectural "V" Rib

Wall panels provide 36" of coverage and reveals a sculptured appearance with semi-concealed fasteners located in the bottom of the rib. The panels have a 1¼" high rib and are available in 22, 24 or 26-gauge steel.

AMS Architectural Wall or Soffit-Liner

Panels provide a durable and attractive covering for both new and retrofit construction. Provided in 24-gauge steel and .032" aluminum, panels come in 12" widths, 1" deep profile.

AMS Flush Wall Panel

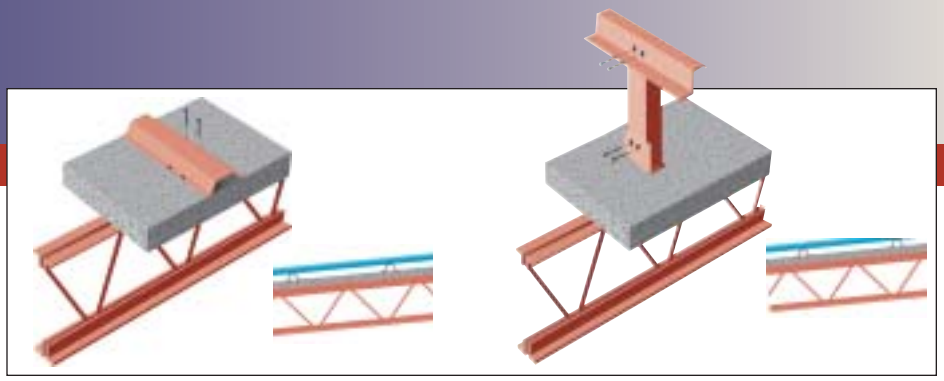
With these 12" wide panels, there are 3 options:

- FWP (Smooth) 12" panel with no pan option
- FWR (1) Rib
- FWR (2) Rib

Additional panel options include a standard 24-gauge thickness or a special order 22-gauge thickness. Heavier gauges and optional minor pan ribs minimize oil canning (waviness).

SUB-FRAMING SYSTEMS

In addition to its metal roof panel systems, AMS offers a number of engineered sub-framing systems to support the new roof system, and if desired, to economically change the existing roof slope or configuration. While they are generally used for retrofitting over existing deteriorated roof systems, these sub-framing systems may be used in new construction.



Hat section purlins over an existing structural system that run parallel to the roof slope. Existing roof slope to be maintained.

Hat section purlins run at right angles to the roof slope and they support the new roof.*

Roof slope buildup over existing framing running parallel to the roof slope using base clip mounted studs.

Vertical supports, or studs, are connected with angle (base) clips to the existing structural members, while zee purlins to support the new roof are mounted on top of the studs running at right angles to the roof slope. The vertical studs are field cut to create the desired slope. In this system, each stud must be connected to an existing structural member.*

Roof slope buildup using zee base runners over existing framing running parallel with the roof slope.

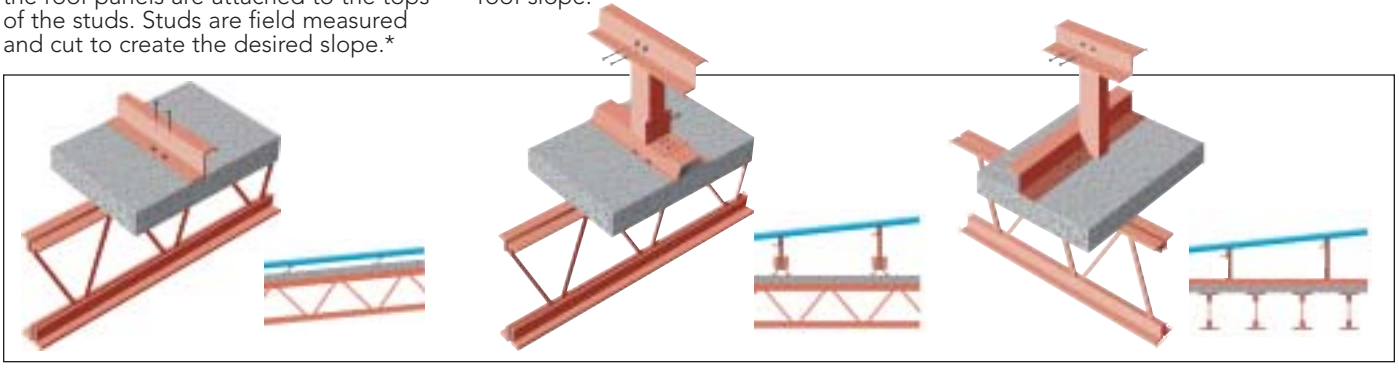
This system can be used where connecting the vertical studs to existing structural members is not possible. The vertical studs are connected to the bottom zee runner, and the zee purlins that support the roof panels are attached to the tops of the studs. Studs are field measured and cut to create the desired slope.*

Zee section members over an existing structural system running parallel to the roof slope. Existing roof slope to be maintained.

The zee sections support the new roof. The zee members connect to the existing structural framing, running parallel to it and at right angles to the roof slope.*

Hat section over existing structural systems running at right angles to the roof slope. Existing roof slope to be maintained.

Hat section members are connected to the existing structural framing running parallel with it and perpendicular to the roof slope.*



Zee purlins over an existing structural system that run parallel to the roof slope. Existing roof slope to be maintained.

The purlins are mounted over the existing roof deck at right angles to the roof slope.*

Roof slope buildup using hat base runners over existing framing running parallel with the roof slope.

The top zee purlins support the new roof surface, and are supported by vertical studs connected to the existing structural members by a bottom hat runner. Connections to the hat runner are by angle bearing clips.*

Slope buildup using zee base runners over existing perpendicular framing.

Vertical supports are attached to existing structural members using bottom zee runners. Zee purlins to support the new roof are mounted on top of the vertical studs and run perpendicular to the roof slope. The vertical studs are field measured and cut to create the desired slope.*

***NOTE:** Spacing of sub-framing members in the systems is determined by design loads and existing structural spacing. Connection details and engineering for the existing structure are not provided by AMS.

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