

Liberty

LibertyLoc™ Standing Seam Roof System

RIGHT FOR SO MANY REASONS®

LibertyLoc™ is a low-slope, concealed fastener standing seam roof system providing superior performance and weather protection. The durable, low-maintenance panels are interlocking and can be seamed in multiple stages to achieve resistance for a variety of wind uplift loading conditions. LibertyLoc is ideal for commercial and industrial projects with low-slopes that need a high-performance, weathertight solution.



MORE FLEXIBILITY IN THE FIELD

LibertyLoc is unique because the interlocking panels can be either hand-seamed or mechanically field-seamed in place, depending on the loading conditions. In heavier wind load areas, a double seam can ensure superior performance at edge zones during wind uplift. Factory-applied seam sealant is adhered on the inside of the female rib for weathertightness and water protection. The roof system yields a single membrane allowing for quick construction and strength at a lower cost. LibertyLoc can be applied over open framing or a solid substrate.

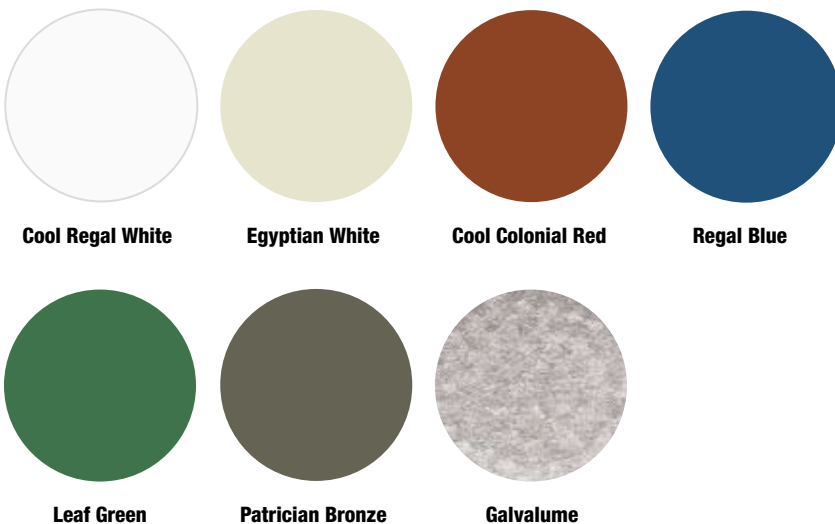
A LOW MAINTENANCE ROOFING SOLUTION

Recommended panel lengths are 5'-45', and the panels cover 24" with a 3¹/₁₆" rib height. The slotted clip allows up to 3¹/₂" of thermal movement. Ideal for projects with low-slopes, LibertyLoc is designed to meet or exceed most local codes. The 24-gauge panels are available in Galvalume® as a standard finish. Optional painted panels include a Kynar finish.

Liberty offers a 30-year integrity warranty on its Kynar finish. Kynar is a weather-resistant coating consisting of fluoropolymer resin. Kynar is a specially formulated low-gloss finish that diffuses sunlight, which reduces harsh reflections, the appearance of surface undulations and oil canning. It is resistant to chalking and fading that can leave the finish looking drab and dated.



LIBERTYLOC KYNAR PANEL COLORS



Features

- Weather-resistant
- Roof slopes as low as 1/4" in 12"
- 24" coverage
- Lengths up to 45'-0"
- UL90 wind uplift rating available

NOTE: All color selections are close representations, but are limited by processing and viewing conditions.

Liberty Building Systems
877-505-4596 • Fax: 901-372-1341
www.LibertyBuildings.com

Profile Information

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Roof Slope

- The minimum recommended slope for the LibertyLoc standing seam roof panel is ¼ :12.
- The maximum recommended slope for the LibertyLoc standing seam roof panel is 6 :12.
- The structural trapezoidal standing seam roof system is specifically designed for low slopes.

Substructure

- LibertyLoc is designed to be applied over open framing, but can be used over a solid substrate.

Panel coverage

- 24" with a 3 1/16" rib height

Length

- Minimum panel length is 5'-0"
- Maximum recommended panel length is 45'-0"
- Longer panels require additional consideration in packaging, shipping and installation.
- Please consult your Liberty Building Systems customer service representative for recommendations.

Availability

- 24-gauge Galvalume® panels are available as a standard finish. Painted panels with a Kynar finish are optional.
- Minimum quantity requirements may apply for some colors.

Applications

- Low-slope roof system for commercial and industrial use

Fastening system

- Concealed clip system (Allows for 3 1/2" thermal movement)

Testing

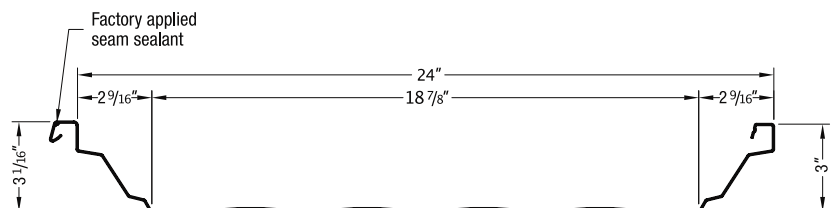
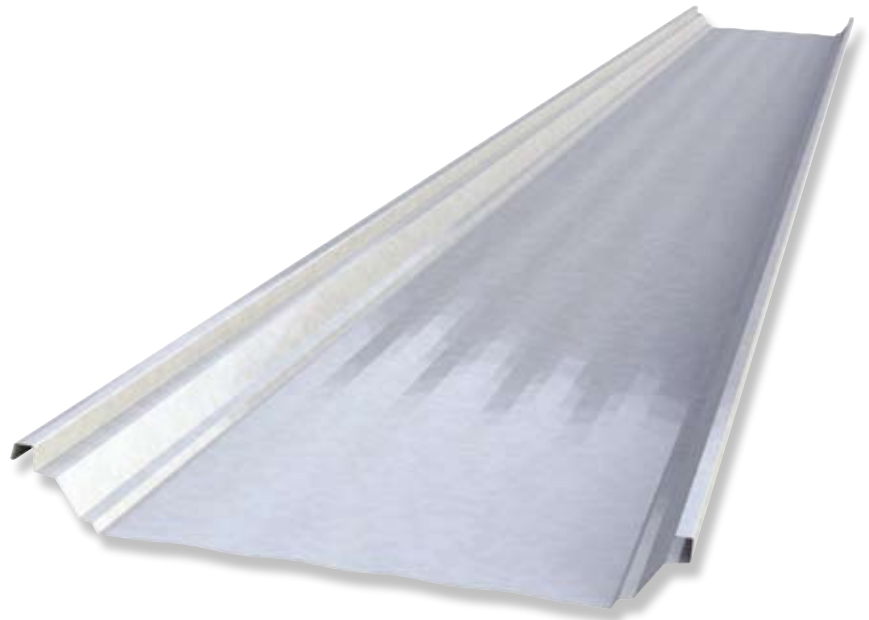
- The 24-gauge roof system is UL90 rated for wind uplift resistance.

Material

- 24-gauge Galvalume

Finishes

- Acrylic-coated Galvalume is the standard finish.
- Painted options with a Kynar finish are available.
- See product sheet for color options.
- Minimums and extended lead times for custom colors may apply.



All panels formed from light gauge metal may exhibit waviness, also known as "oil canning," commonly occurring in, but not restricted to, flat portions of a panel. This inherent characteristic is not a defect of material and is not cause for rejection.

NOTE: Liberty Building Systems' products are constantly being improved; therefore, the information contained herein is subject to change without notice. Before finalizing project details, contact Liberty Building Systems for the latest information.



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