



# VSR II™ ARCHITECTURAL ROOF SYSTEM

*Combine design flexibility and aesthetics with this versatile standing-seam roof system.*

Choose the VSR II™ roof system to add upscale, distinctive beauty in applications such as schools, shopping centers, medical complexes, office buildings and other commercial and community buildings.

## ENGINEERED TO PERFORM

The VSR II™ roof system has been designed with performance in mind. Every product feature provides the weathertight durability and long life that you've come to expect from Butler® building systems.

The VSR II roof panels are 16 inches wide and manufactured from 24-gauge steel. They're capable of spanning secondary structural members spaced up to five feet. They can also be applied to light-gauge steel framing or any properly designed roof deck on roof slopes of 1/4:12 and greater.

The roof panels are secured to the roof structure with moveable clips that are concealed in the panel seams. The clip design allows for up to 2-1/2 inches of thermal movement while resisting the forces of wind uplift. The panel design includes a factory-installed sealant to provide an extra measure of weathertight



protection.

The panel's unique endlap design features factory-punched and notched panels with a bottom-reinforcing plate that contains four welded stainless steel studs. This allows the endlap to be located directly over a structural member for

support while maintaining the roof's ability to move with the forces of expansion and contraction. Painted stainless steel flange nuts matching the color of the roof panels complete this clamped endlap design.

## DISTINGUISH WITH STRIKING AESTHETICS

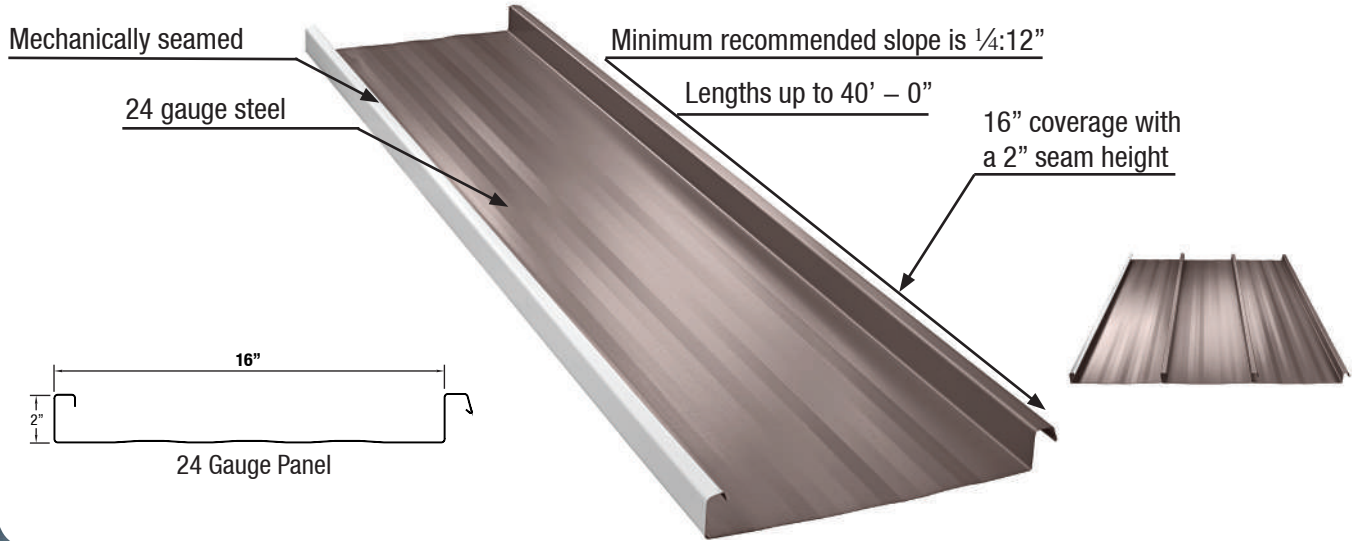
The VSR II system's clean, bold lines are enhanced by minor longitudinal flutes that provide a pleasing appearance. The panels are available in a range of Butler-Cote™ colors. Butler-Cote is a full-strength Kynar 500® or Hylar 5000® low-gloss paint finish.

## COOL ROOF OPTIONS

The VSR II colors are "cool roof" fluoropolymer formulations, with a Solar Reflectance Index (SRI) as high as 91. These ENERGY STAR® rated colors help keep your building cool and reduce energy consumption by increasing solar reflectivity.



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## DESIGNED TO WITHSTAND THE FORCES OF NATURE

The VSR II roof system can be designed to withstand severe winds. The system has a UL Class 90 wind uplift rating; has been tested and certified in accordance with the U.S. Army Corps of Engineers Guide Specification 07416; and is approved for wind uplift by Factory Mutual.

The VSR II roof system also offers excellent energy efficiency with a number of rigid and blanket insulation offerings. To save energy and lower your utility costs, the VSR II system can be installed with an optional thermal insulation block and a tall clip design to accommodate additional insulation for improved energy efficiency.

## ENHANCING AND PROTECTING THE BEAUTY

The standard exterior paint for all Butler panels and trim is the Butler-Cote system, consisting of a Kynar 500® or Hylar 5000® fluoropolymer finish. The Butler-Cote system resists the chalking and fading that often leaves a building looking drab and dated. Our 25-year warranty guarantees that, on roof and wall panel standard colors, chalking will not exceed a rating of #8 and fading will not exceed 5ΔE color difference units. This 25-year warranty also protects against cracking, flaking or peeling of the paint finish.

While many manufacturers' warranties are prorated after a certain period of time, we offer our Butler-Cote finish warranty for a full 25 years—with no prorating. It's a testament to our high performance standards.

## COMPARE THE DIFFERENCE IN FLUOROPOLYMER FINISH VS. SILICONE POLYESTER AFTER 8 YEARS OF WEATHERING.

	Butler-Cote™ Fluoropolymer Finish	Industry Standard Silicone Polyester Coating
Original Color		
Level of Chalking Allowable Within Warranty Terms		
Warranty Period	25 years	10 years



Butler Manufacturing  
Kansas City, MO  
816-968-3000

Butler Buildings Canada  
Burlington, ON, Canada  
905-332-7786

[www.butlermfg.com](http://www.butlermfg.com)



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