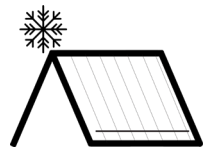




Case Study — Nimonds Independent Church

ColorGard® | S-5-S™ | VersaClip™ | SnoClip™ II



At-A-Glance

Project Name

Nimonds Independent Church

Location

Richfield, PA

Design-Build General Contractor

Lehman Construction Services Inc.,
Chambersburg, PA

Roof Manufacturer

AB Martin Roofing Supply, Ephrata, PA

Roof Profile

ABSeam Panel (1.5" high rib, 16.5" rib spacing)
standing seam metal roof

S-5! Distributor

AB Martin

Industry

Religious facility



The Situation

Sustainability and safety were the priorities for this church in search of a penetration-free, aesthetically pleasing snow retention solution for its new charcoal standing seam metal roof that would both match the roof and last the life of the roof.

The Result

ColorGard was custom-designed and engineered for this project to mitigate potential rooftop avalanches, dramatically reducing the risk of sudden and unexpected release of snow slides, which could pose a serious threat to church-goers and property below.

Project Stats:

Roof Measured: 17,000 square feet

3 Roof Pitches: 2/12, 5/12 and 6/12

Products Supplied:

- ColorGard® (243)
- S-5-S™ (147)
- VersaClip™ (21)
- SnoClip™ II (88)

The Project

The history of Nimonds Independent Church dates to the late 1700s, with the earliest record of a physical church building completed in 1896. Throughout the years, various improvements were made to the building but eventually, the church reached capacity and sought land to build a new facility.

In 2017, this new facility experienced a fire. The frigid temperatures, high winds and frozen steep-sloped driveway prevented firefighters from getting to the site and extinguishing the fire. After three years of operating out of a local school's auditorium, the church began its new-build project.

The new 15,000-square-foot church building features a sanctuary, fellowship hall, five classrooms, four bathrooms, three administrative offices, a kitchen, a nursing mother's room, a youth room and dedicated space for its ladies' group, Patches of Love, who make quilted blankets and pillows for the ill in the community. This non-denominational church provides youth programs and education, bible studies, a food ministry and more.

The facility is constructed with sustainable building materials including ABM panel metal wall sheeting used for siding, a drive-thru porch with a metal soffit ceiling and an ABSeam panel standing seam metal roof. Mounted to its roof is the complete S-5! **ColorGard** snow retention system.

The Challenge

The church needed a long-lasting, weathertight roof and desired an aesthetic snow retention solution that would precisely match their new charcoal colored, pre-finished, textured roof. They sought to protect church-goers from ice and snow sliding off the roof and onto the new pedestrian sidewalk causing damage below.

Additionally, this area of Pennsylvania experiences much rain, snow, sleet and hail with high winds regularly sweeping through. And, the church is located in a valley which makes these weather conditions particularly challenging for any construction project.

The Solution

The church selected a metal roof for its durability, environmental sustainability, style, versatility and extended service life. Metal roofing is quite common in this area and its benefits are well known to the local community.

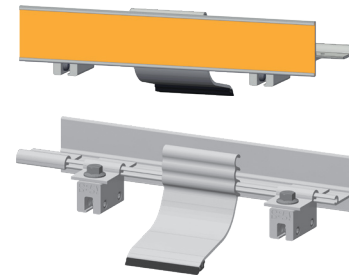
The metal sheets were rollformed at AB Martin, shipped on skids to the jobsite and installed. The roof has three different pitches with vented ridge caps (vented closures) and a synthetic-asphaltic underlayment on the roof deck. They chose a textured finish metal not only for its aesthetics, but it provided a better grip for installers walking on the roof. Given the weather conditions, it would be nearly impossible to walk on the roof otherwise.

The church utilized the complete ColorGard system, including the S-5-S™ Clamp, VersaClip™ and SnoClip™ II for its perfect color and finish-matching, designed and warranted for the life of the roof. They found the aesthetic and long-lasting solution they were seeking including a textured finish on the ColorGard. And S-5! offered the fully tested and engineered safety and protection from potential snow slides to safeguard pedestrians and property below.



How Did ColorGard Help?

- Provided safety measures to pedestrians and property below
- Eliminated the risk of a voided roof manufacturer warranty—no holes/no damage
- Reduced the amount of product and cost required due to S-5! engineered system capacity
- Provided an aesthetic solution



ColorGard® by S-5!

Long-Term Outlook

The church was able to achieve the quality look it wanted with a long-lasting metal roof and snow retention system that maintains the roof integrity, mitigates potential rooftop avalanches and complements the look of the roof—for the life of the roof.

“At AB Martin, only the highest quality products will do, and we like to recommend products that we ourselves use. With S-5! products, you can be confident that the clamps will hold for the long-term, unlike glue-on products. Most S-5! clamp designs also use zero-penetration technology to maintain roof integrity and avoid leaks. We highly recommend S-5! clamps and snow retention systems for any roofing job.”

— Lavern Zimmerman, AB Martin



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