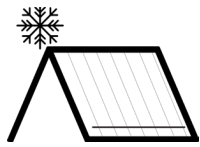




The Central Pennsylvania Clinic—Case Study

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



At-A-Glance

Project Name

The Central Pennsylvania Clinic

Location

Belleville, PA

Architect

Henry Architecture and Design

General Contractor

Sunset Construction

Roofing Contractor

Fisher's Roofing

Steel Supplier

A.B. Martin Roofing

E.B. Martin Roofing

Roll Former

Kyfus Metals Sales

Roof Profile

24-gauge, 19.5 panel, Kynar charcoal gray standing seam metal roof

The Situation

This area of Pennsylvania receives considerable snowfall and those involved with planning this new facility wanted to ensure snow wouldn't slide off their new metal roof and endanger the patrons and property below. They also required an aesthetic solution to blend in with the surrounding countryside.

The Result

ColorGard® was custom designed and engineered for this project, and dramatically reduced the risk of sliding snow. It provides a simple and secure solution that offers safety to the patrons while complementing the look of the unique charcoal gray roof, with a clean appearance and perfect color and finish-matching, all designed to last the life of the roof.

The S-5! snow retention system did not compromise the roof integrity and is exclusively recommended by A.B. Martin Roofing, one of the steel suppliers, Fisher's Roofing, the installer and Kyfus Metal Sales, the roll former.

Industry

Healthcare

Project Stats

Roof Measured: Approximately 12,000 square feet

Roof Pitch: 4:12

S-5! Mounting Products Supplied:

- ColorGard® (26)
- S-5-S Clamp (130)
- VersaClip™ (130)
- SnoClip™ II (64)



The Project

Award-winning Dr. D. Holmes Morton of Strasburg, Lancaster, Penn., created a medical model, which began when he and his wife, Caroline, developed the non-profit framework and community organization that became a pediatric clinic for children with rare, inherited disorders prevalent among the Plain people – mostly of the Amish and Mennonite churches – who live in rural communities, usually far from health centers and who have knowledge of genetic disorders.

Their newest clinic in Belleville called the Central Pennsylvania Clinic, a medical home for special children and adults, also a non-profit, is a family practice that sees patients of all ages who suffer from rare, genetic disorders. Before the clinic opened, more than 500 patients, with nearly 100 genetic diseases, traveled two to five hours for comprehensive pediatric care.

The clinic provides care and services on three floors: Main Level – main entrance; reception; office and waiting room; exam rooms; a treatment and procedure room; phlebotomy room; a patient, family, doctor consult room; staff conference room; and staff offices. Lower Level – biochemical and molecular laboratories; dental office; physical and occupational therapy rooms; hearing and vision labs; and staff offices. Upper Level – meeting room for medical and community gatherings; kitchen; workspaces for students, doctors and nurses in-training; and a genetic and medical library.

In true Amish fashion, the community organized a committee, put people in charge, assigned tasks and got it done. The project was a labor of love with materials and labor donated along with cash donations. The facility features a Kynar charcoal gray 24-gauge standing seam metal roof with the S-5!'s ColorGard® snow retention system. Kyfus Metals Sales used New Tech Machinery's portable panel forming machine to roll form E.B. Martin Roofing's and A.B. Martin Roofing's steel on site.

The Challenge

Along with determining an aesthetic solution to blend in with the beautiful scenic surroundings of this hilly rural community, the various roof contours and pitches of the roof presented a challenge for installers to determine precise snow loads. Additionally, the clinic anticipated much foot traffic and wanted to ensure a strong, long-lasting snow retention system to protect the pedestrian traffic going in and out of this busy Amish clinic.

Another challenge was the coordination of the roof project since it was a community project involving donations from many local businesses. The siding and trim work had to be constructed precisely to receive the metal roof panels. It was critical for all components to be compatible with this standing seam roof where everything would lock together in place. And, it was important to the roof installers to do it *the right way*®.

The Solution

Fisher's Roofing utilized the complete S-5! ColorGard system, including **S-5-S Clamps, VersaClips™ and SnoClips™ II**. Together, the snow retention solution provided the aesthetics they were seeking since the ColorGard system offered perfect color and finish-matching designed to last the life of the roof. And, it offered the fully tested and engineered safety they needed to protect patrons from sliding snow off the new metal roof.

E. B. Martin Roofing based in Upstate New York donated the steel along with local metal roofing company, A.B. Martin Roofing. Other local businesses including Kyfus Metal Sales donated their time and equipment to roll form the steel on site; and Fisher's Roofing donated their time to install the roof and complete snow retention system. The result was a beautiful roof and facility that would serve the community for years to come.

"S-5! is all that we use on our standing seam roofs. The ColorGard system is very user-friendly and so easy to install.

It is so strong – we've never had a customer report a failure in all of the years we have been using it."

—Jadon Stoltzfus,
Kyfus Metal Sales,
McVeytown, PA

"We have been using ColorGard by S-5! for 15 years. Hands down, it is a much better system for the roof and for the traffic in and out of the building than snow cleats. It is a much safer system and looks so much better on the roof because of its precise matching. The quality and the durability of the product is excellent for snow retention. The product has integrity – it does what it says it is going to do – and installation is simple."

—Sam Fisher, Fisher's Roofing, Loysville, PA



Long-Term Outlook

The Central Pennsylvania Clinic has reduced the risk of sudden and unexpected release of snow, posing a serious threat to patrons and property below.

The S-5! ColorGard system does not damage the roof or finish, nor compromise the roof integrity and eliminates the risk of voided roof warranties.

How Did S-5! Products Help?

- Provides an aesthetic solution
- Provided safety measures to both patrons and property – especially the pedestrian and vehicular traffic at entries
- Eliminates the risk of a voided roof manufacturer warranty—no holes/no damage
- Reduces the amount of product and cost required due to S-5! engineered system capacity



The Right Way!® | (888) 825-3432 | www.S-5.com

