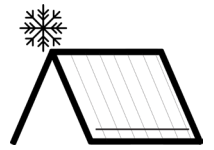




Case Study — Oak Hill Middle/High School, Ohio

ColorGard®



At-A-Glance

Project Name

Oak Hill Middle/High School

Location

Oak Hill, Ohio

General Contractor

Randy Evans Construction

Roofing Contractor

Cherry Fork Metals LLC

S-5! Supplier

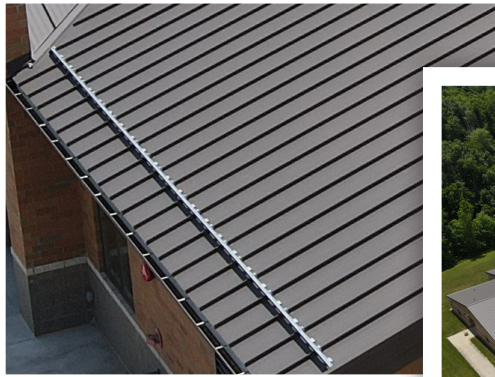
Architectural Metals

Roof Profile

Cherry Fork Metals, 1-3/4", Snap-Lock, galvanized, 22 ga. (roll formed on site)

Industry

Education



The Situation

Sustainability and safety were the priorities for this school in search of a penetration-free, aesthetically pleasing snow retention solution for its new standing seam metal 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 school children, administrators and property below. The S-5! snow retention system did not compromise the roof integrity and is warranted for the life of the roof.

Project Stats

Roof measured: 98,000 square feet

Primary roof pitch: 2.5/12

Products supplied:

- ColorGard®: 2200 lineal feet
- S-5-S™ Clips

The Project

The Oak Hill combined middle/high school is located along the western foothills of the Appalachian Mountain Range in southern Ohio. Built in 2004, the design of the 98,000-square-foot school initially specified a metal roof for the project, but in an effort to save money, the district chose an asphalt roof. However, the asphalt roof was too flat for shingles, leaked from day one, and failed within 15 years.

For the new re-roof project, the district reverted to its original plan and chose metal roofing. Cherry Fork Metals installed its 1-3/4", Snap-Lock, galvanized, 22 gauge standing seam metal roof panels (roll formed on site) coated in a textured finish. Mounted to the roof is the complete S-5! **ColorGard** non-penetrating snow retention system.



How Did ColorGard Help?

- Provided safety measures to both school children and school property
- 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 the aesthetic solution the school desired

The Challenge

Albert Shrock, a local Amish metal roofer and owner of Cherry Fork Metals, drove by the school daily on his way to work. He learned about the leaky asphalt roof from the school's maintenance man who Albert became acquainted with while working on his home some years prior. Albert knew the district was tired of dealing with all the leaks, and they wanted a roof that would last.

However, with the switch to a metal roof, came concerns about the risk of snow sliding off the roof, potentially harming school children, administrators and property below. They wanted to make sure they had a snow retention solution that would mitigate snow slides and one that wouldn't detract from the beautiful, burnished slate roof.

The Solution

The school district chose metal roofing for the project due to its long-term sustainability and reliability. They chose a textured finish metal because not only is it known for combatting potential sun glare and oil canning, but it also provided a better grip for installers walking on the roof. And if the need ever arose to access the roof, the maintenance man could walk on it, even when it was wet, without worrying about slipping and falling.

Albert recommended ColorGard for the project. Manufactured from 100% non-corrosive materials and extensively tested for load-to-failure results, ColorGard dramatically reduces the risks associated with rooftop avalanches by controlling roof snow migration. The non-penetrating snow guard system complements the look of the school's unique burnished slate roof with a clean appearance and perfect color and finish-matching, all designed and warranted to last the life of the roof.

The school district was so impressed with its new roof that immediately following the re-roof project, it chose metal roofing for its local elementary school's new addition project.

Long-Term Outlook

The school district 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.



"My philosophy has always been, 'standing seam metal roofing doesn't cost, it pays.' It also pays to use a high-quality snow retention product. ColorGard is well-made, durable, simple and easy to install, matches the roof, and is designed and engineered to last the life of the roof."

— Albert Shrock, Owner, Cherry Fork Metals, Richmond Dale, Ohio



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