



SIKA AT WORK

PLAINFIELD-GUILFORD TOWNSHIP PUBLIC LIBRARY PLAINFIELD, INDIANA

Décor Roof System USING 60 MIL Sarnafil® G 410
FELTBACK MEMBRANE IN CUSTOM COLOR COPPER BROWN

DÉCOR SYSTEM IS TOPS IN INDIANA LIBRARY'S BOOK

Any good librarian knows knowledge is power. So when the Plainfield-Guilford Township Public Library in Plainfield, Indiana, needed to replace the leaking shingles on its roof, it researched different roofing systems to replace it. The library has 15,402 library card holders and has grown from renting a few rooms when it opened in 1901 to occupying a 60,000-square-foot facility today. It is considered a cultural center for the area, so it was important to select the right roofing system for the building.

"We wanted a new roofing system that was watertight and aesthetically pleasing," said Montie Manning, library director.

The look of a metal roof appealed to the library, so the roofing consultant, Moisture Management of Fishers, Indiana, recommended the Sarnafil Décor Roof System.

The Décor Roof System combines the Sarnafil G 410 thermoplastic single-ply roofing membrane with Décor profiles to give the appearance of a standing seam metal roof - and thanks to its watertight seams, the durability of this system is unmatched. It is one of the only roofing systems of this type that includes warranty coverage for the hot-air welded ribs that give the roof the appearance of metal.

"The beauty of the Décor system is not only in its appearance, but also

that it is a fully adhered monolithic membrane," said Steve Buckner, president of Blackmore and Buckner Roofing - A Tecta America Company - of Noblesville, Indiana, the roofing contractors on the project. "And Sika provides the highest quality PVC roof systems on the market."

THE PLOT THICKENS

Like most good story plots, the installation of the Décor roof involved several challenges. One was a delay in scheduling, which meant that instead of being installed in the summer, the roof was to be applied during an Indiana winter. "This meant Blackmore and Buckner Roofing had to fight with the winter weather," remarked Manning.

"The roof also had a radius that was a little more of a challenge than we originally anticipated," Buckner stated. "In addition, a 14-sided roof - a tetradecagon - had rib patterns that had to line up and stay uniform from a bird's-eye view. And the main roof had variations in slope, which made it a challenge to make the ribs meet at the hips and ridges."

"The curved radius of the roof caused some math issues, but they were ultimately resolved," Manning remarked. "We also put snow guards on one section of the roof and are currently installing them on the other sides of the roof."

PROJECT

Plainfield-Guilford Township Public Library
Plainfield, Indiana

OWNER

Plainfield-Guilford Township

ROOFING CONTRACTOR

Blackmore and Buckner Roofing -
A Tecta America Company
Noblesville, Indiana

ROOF CONSULTANT

Moisture Management
Fishers, Indiana

ROOFING SYSTEM

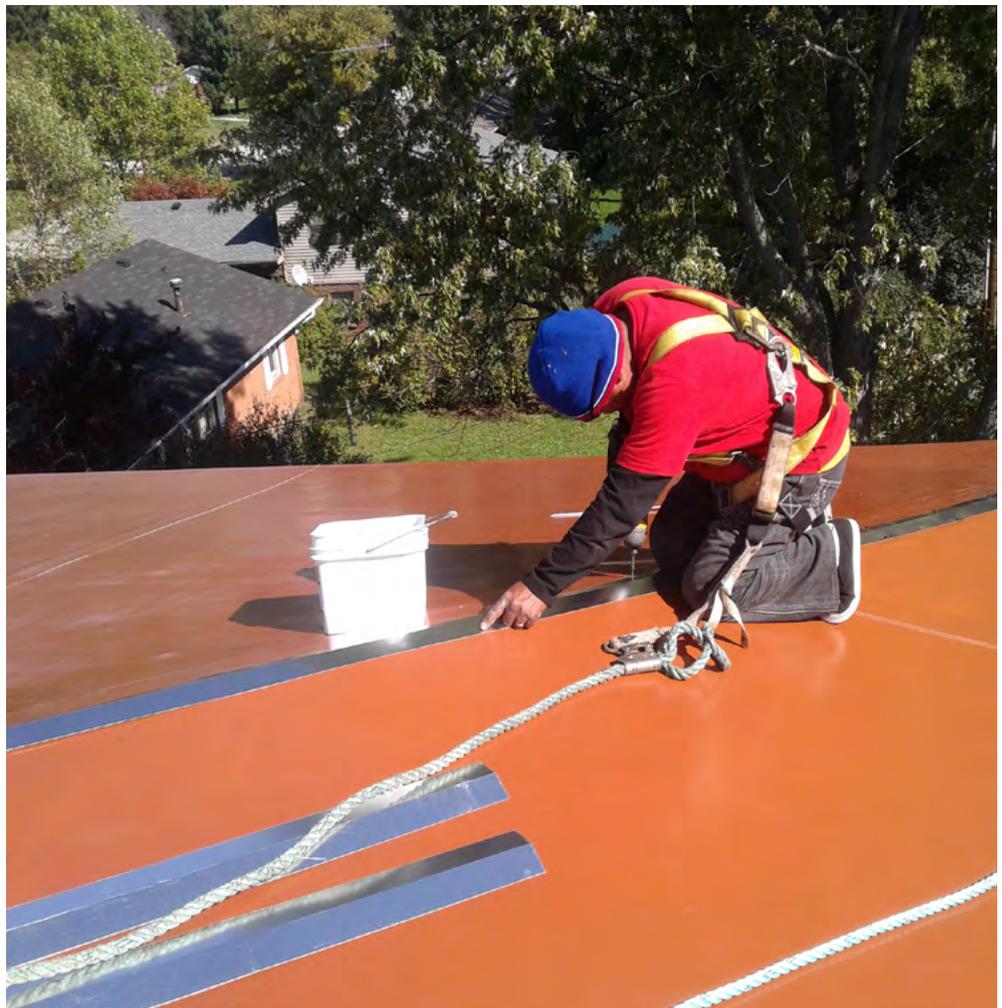
Décor Roof System using 60 mil
Sarnafil G 410 feltback membrane in
Custom Color Copper Brown

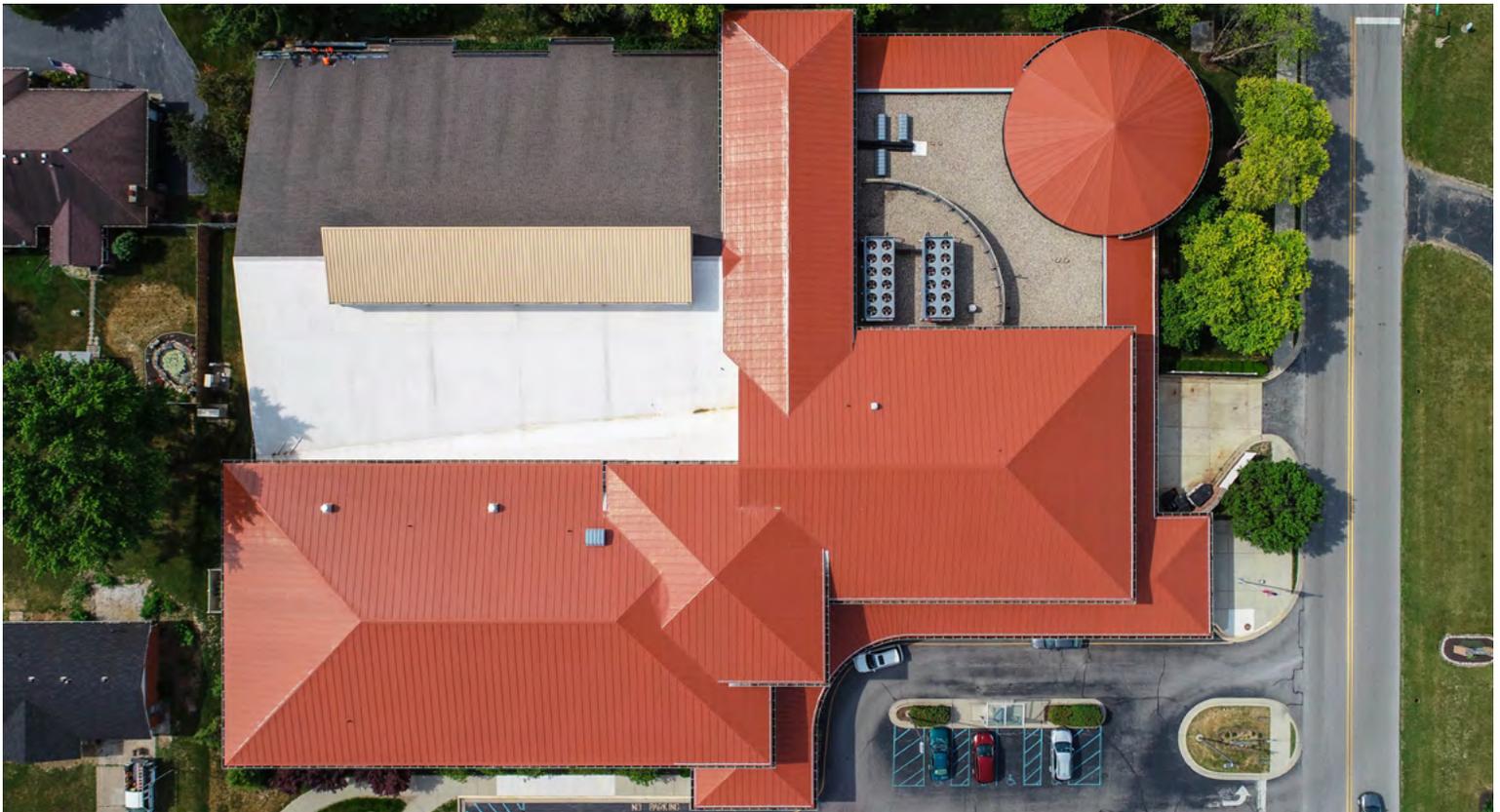
PROJECT SIZE

30,000 square feet

COMPLETED

April 2018





ON THE SAME PAGE

Fortunately, all parties involved with the project - the library, Blackmore and Buckner, Sika Roofing and Moisture Management - supported each other during the project. "There was a nice dynamic between everyone, and it was refreshing to see how all parties came together and got things done," Manning said.

"Sika Roofing's tech support on this project was extremely knowledgeable and professional," commented Buckner. "We found them to be very helpful and they went out of their way to assist on this project."

A HAPPY ENDING

Not only is the roof performing well today, but it is also garnering compliments for its appearance. "We've had some torrential downpours here and during each storm, I do a walk-around to make sure there are no leaks," Manning said. "I've never had a problem because the roof is always performing as it should."

"I'm always impressed with the Sarnafil membrane - it is almost self-cleaning and snow and ice slide right off of it," Buckner stated. "And the color of the membrane is unique in that it looks like it changes color depending on the level of brightness outside. It seems to go from orange to purple, depending on the time of day."

"At first we were all skeptical of the color," Manning admitted. "But now, everyone really likes the appearance of it. And what I think really sets the roof off are the Decor ribs."

Sounds like a storybook ending for all.



PLAINFIELD-GUILFORD TOWNSHIP PUBLIC LIBRARY



WHO WE ARE

The commercial roofing industry has relied on thermoplastic single-ply membranes from Sika for more than 50 years to achieve sustainable roofing and waterproofing solutions.

Sika is a globally active specialty chemicals company. Sika supplies the building and construction industry as well as manufacturing industries (automotive, bus, truck, rail, solar and wind power plants, facades). Sika is a leader in processing materials used in sealing, bonding, damping, reinforcing and protecting load-bearing structures. Sika's product lines feature high-quality concrete admixtures, specialty mortars, sealants and adhesives, damping and reinforcing materials, structural strengthening systems, industrial flooring as well as roofing and waterproofing systems.

Our most current General Sales Conditions shall apply.
Please consult the Product Data Sheet prior to any use and processing.
ISO 14001: 2004-Compliant



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Green Globes® is a trademark of the Green Building Initiative

SIKA CORPORATION • ROOFING
100 Dan Road • Canton, MA 02021 • USA
Tel: 781-828-5400 • Fax: 781-828-5365
usa.sarnafil.sika.com

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