



ROOFING

2016 PROJECTS OF THE YEAR

Low Slope
Steep Slope
Waterproofing
Sustainability

Sarnafil

BUILDING TRUST



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Celebrating the Projects of the Year

Sika is pleased to once again recognize outstanding achievement in the application of the company's roofing and waterproofing systems with the announcement of the 2016 Project of the Year winners.

The Project of the Year competition highlights quality workmanship particularly noteworthy in the areas of design, application, and installation. The company is delighted to be associated with the dozens of projects submitted by its contractor network, and is truly grateful to have such a talented core of applicators representing the company and its products.

This event is competitive each year and this year drew more than 45 entries from around the country.

Sika offers congratulations to this year's winners. Compliments to all on a job well done!

On the cover:

A green roof is just one of many beautifully distinct roofing features on Zurich Insurance's North America Headquarters in Schaumburg, Illinois. Learn more about this roof installation performed by Sullivan Roofing, Inc., on page 11.



FIRST PLACE
Low Slope
Category



Department of Energy's Gaseous Diffusion Plant – Paducah, KY
RSS Roofing Services & Solutions – St. Louis, MO

Originally constructed for use in the nation's nuclear weapons program, the 64-year-old Paducah Gaseous Diffusion Plant in Kentucky produced enriched uranium all the way up until 2013. The roofs of the five plant buildings were in poor condition and needed to have a new roof installed so the deactivation and remediation of the equipment in the uranium enrichment process could proceed in a safe and efficient manner.

The Department of Energy tasked RSS Roofing Services & Solutions with the complex project that spanned across 3.2 million square feet of roof area over five buildings. RSS

chose to install a Sarnafil RhinoBond System using S 327 80 mil membrane and 1-inch glass facer iso over the existing gravel built-up roof.

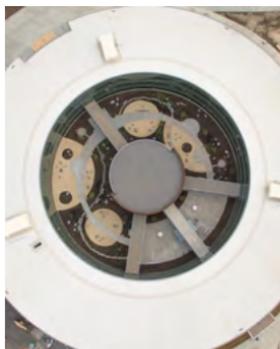
Due to the sensitive environment, RSS workers needed to go through an extensive training program in order to enter and work within the facility. In addition, RSS was required to receive their materials on the outside of the perimeter of the 3,400-acre campus, then had to unload and shuttle the materials into the facility.

Thanks to the outstanding work by RSS, the Paducah Gaseous Diffusion Plant was able to avoid the fallout of failing roofs.





SECOND PLACE
Low Slope
Category



Peace Coliseum at Overstock Corporate Campus –
Salt Lake City, UT
Utah Tile & Roofing, Inc. – Salt Lake City, UT

The new Overstock corporate campus was designed to be an open, welcoming space that sparks creativity and innovation. It certainly doesn't hurt that the roof on this new structure matches that vision of inspiration.

To complete the 75,000-square-foot roof, Utah Tile & Roofing installed Sarnafil G 410 membrane in Light Gray. The gray color of the membrane coincides with the rocks and pavers of the inner circle.

Successful installation on the radius-shaped rooftops required careful planning and precise cutting to

provide exact layout and minimize waste. Detailed scheduling helped ensure that work on the project continued, uninterrupted, through the cold, snowy months of winter.

Viewed from above, the Peace Coliseum resembles an immense peace symbol; from the ground, a classic Roman coliseum. The roof shelters a workspace that integrates varied cultures with modern amenities like open green space, an on-campus greenhouse, a fitness center and a health clinic.

Perhaps it was destiny that made the roof installation a peaceful one for UTR.



THIRD PLACE

Low Slope
Category

National Hurricane Center – Miami, FL
Advanced Roofing Inc. – Fort Lauderdale, FL



It's no secret that the weather in south Florida can be downright nasty. So when Advanced Roofing won the right to replace a failing roof on the National Oceanic and Atmospheric Administration's (NOAA) National Hurricane Center in Miami, they knew it might not be smooth sailing.

The project scope grew as work progressed, with NOAA requesting an accelerated timeline in order to complete the project in time for hurricane season.

Since the facility operates 24 hours a day, seven days a week and 365 days a year, there was no opportunity for it to be offline at any point. This posed a unique challenge,

as the Advanced team had to be sensitive to the needs of the building tenants and every move on the building had to be closely coordinated with NOAA management.

The new roof is essentially a two-roof system, involving a modified fully-adhered SBS torch vapor barrier temporary roof with a separate single-ply roof system using Sarnafil G 410 60 mil membrane applied on top. By combining these two systems, it offers advantages that exceed the limitations of each type of system on their own.

With the new Sarnafil roof successfully installed, the National Hurricane Center will be able to weather even the worst storm.



FIRST PLACE
Steep Slope
Category



Endeavor Building at NVIDIA Headquarters -
Santa Clara, CA
Alliance Roofing Company, Inc. - Santa Clara, CA

If science fiction was real life, NVIDIA's new headquarters would be a glistening façade situated on some far-off planet. Instead, the Endeavor is a shining example of ingenuity built by human hands. The structure's distinctive design is based on the triangle, the fundamental building block of computer graphics, and nowhere is that more evident than the roof.

Alliance Roofing was handed the challenge of this unique, 270,000-square-foot project. The complex roof design features triangular-shaped surfaces that are separated by a two-foot-wide gutter system.

Alliance installed a Sarnafil Décor Roof System comprised of G 410 60 mil membrane in Light Gray. One major challenge was having enough substrate to work with, due to the decking being installed immediately ahead of the work. Even with the roof being separated into sections, the challenge faced in productivity was having enough workable space to store material for each particular section.

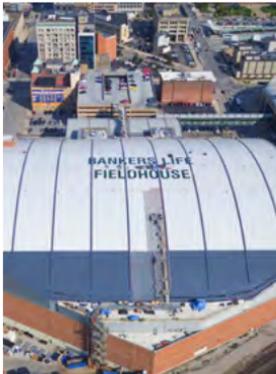
NVIDIA, a tech company that designs graphics processing units for the gaming market, now boasts a gorgeous roof that could rival the most impressive graphics.



SECOND PLACE

Steep Slope
Category

Bankers Life Fieldhouse - Indianapolis, IN
Midland Engineering Company, Inc. – South Bend, IN



Although the Indiana Pacers have never won an NBA title, that doesn't mean their arena isn't home to some shiny hardware. This past year, the failing roof atop Bankers Life Fieldhouse received a long overdue makeover courtesy of South Bend's Midland Engineering Company.

Using a Sarnafil Décor Roof System with G 410 membrane in both Light Gray and Lead Gray, Midland was able to effectively re-roof the 153,900-square-foot project despite some unique challenges. Multiple slopes of 3/12 and 5/12 and

9/12, combined with the downtown location of the project, created issues that had to be overcome. Staging for the project was extremely difficult due to the constraints of space and the volume of people that visit the facility on a daily basis, and all of the equipment and scaffolding had to be secured from the general public.

The roof's "cherry on top" is an attractive Bankers Life Fieldhouse logo that was installed using G 410 membrane in Evergreen.

Maybe the Pacers will make a run for the title now that their home arena features a championship-caliber roof.



THIRD PLACE

Steep Slope
Category

Onondaga County Water Treatment Plant – Oswego, NY
Josall Syracuse, Inc. – Syracuse, NY



When one envisions a water treatment plant, “beautiful” isn’t the first thing that comes to mind. That’s what makes the Onondaga County Metropolitan Water Board facility in upstate New York such a novelty. It is, for a lack of better terms, beautiful. Josall Syracuse made sure of that.

The treatment plant, located near the shores of Lake Ontario, was built in the 1960s and has seen many roofs come and go over the years. Most recently, it featured an EPDM roof that had reached the end of its life expectancy.

The re-roof specifications called for the installation of Sarnafil G 410 72 mil membrane. A Patina Green color was chosen for the membrane to highlight the unique design aspect of the steep sloped roof.

The 5-7/12 sloped concrete decks on the roof are both convex and concave, which presented complicated challenges. It would have been easiest to install the membrane vertically, however a horizontal installation proved to be the most attractive.

When all was said and done, Josall Syracuse had created a work of art on a canvas not typically reserved for beauty.





FIRST PLACE
Waterproofing
Category



Harvard Business School's McArthur Hall/McCollum Center - Boston, MA
Recover Green Roofs - Somerville, MA

Some of the brightest minds in the country are eating food foraged from a roof. Thank Recover Green Roofs for that.

Recover worked with Harvard Business School to replace a small, existing green roof with a much larger intensive system that would cover 11,000-square feet of a multi-tiered roof shared by McArthur Hall and the McCollum Center.

To satisfy weight restrictions and maximize growth potential, Recover connected with Omni Ecosystems to become the Northeast's first certified installer of their

comprehensive green roof system.

After Sarnafil G 410 membrane was installed, Omni's ultra-light soil blend was put down. This blend allows for a diverse plant palette capable of growing a huge variety of wildflowers and native species that mimic the biology of a natural meadow, self-regenerating with each season. The project is a prime example of sustainable processes that redefine what is possible for roofing in an urban environment.

Tonight's special at the HBS dining hall? Rooftop-forged daikon radishes.





SECOND PLACE
Waterproofing
Category



Central Piedmont Community College's Pease Auditorium – Charlotte, NC
Nations Roof of Carolina – Charlotte, NC

On the campus of Charlotte's Central Piedmont Community College (CPCC) resides a beautiful facility that plays host to small theatre productions, recitals, lectures and more. Pease Auditorium is an intimate, 400-seat venue that is truly one of CPCC's hidden gems.

When it came time to remove the building's existing gravel-surfaced, built-up roof system, Nations Roof of Carolina was called in for an audition and wound up landing the role.

The existing concrete deck was scraped and prepared for the direct application

of Sarnafil G 476 self-adhered membrane.

Once the membrane was completed on the 6,800-square-foot roof, an overburden consisting of drainage mat, two layers of extruded insulation and filter fabric was installed. Plant modules were then installed, along with decorative gravel.

When the curtain closed on the project, Nations Roof's performance had earned a standing ovation. In place of the former BUR system now stands a spectacular, extensive green roof that overlooks the Charlotte skyline.

Bravo, indeed.



THIRD PLACE
Waterproofing
Category

Lafayette Elementary School – Washington, D.C.
HRGM Corporation – Washington, D.C.



Pop quiz: When is a roof not just a roof? Answer: When it's a green roof that diverts nearly all rainfall from the local sewer system and helps reduce the urban heat island effect!

went to work using the proven Sarnafil G 410 membrane. Despite multiple challenges that included difficulties in getting material to the roofs and finding a workable location to pump soil, HRGM was able to deliver an A+ roof.

The large addition at Lafayette Elementary School in the prestigious Chevy Chase neighborhood of Washington, D.C., was unique from a roofing design standpoint because, along with a large flat roof section and synthetic slate roof section, specifications also called for a 25,000-square-foot green roof.

Now, nearly 100 percent of the water that falls on the roofs of Lafayette is diverted from the storm water system.

The new green roof is astonishing both in size and aesthetic marvel. It's easy to forget that one of the roof's best features is its water retention capabilities.

HRGM Corporation was assigned the project and





FIRST PLACE
Sustainability
Category



Zurich Insurance North America Headquarters –
Schaumburg, IL
Sullivan Roofing, Inc. – Schaumburg, IL

To say the roof on the new Zurich Insurance North America Headquarters on the outskirts of Chicago is a masterpiece wouldn't be too farfetched. The large 150,000-square-foot roof system, installed by Sullivan Roofing, features a complex mixture of roofing, waterproofing, pavers and green roof modules.

The systems include conventional, fully-adhered Sarnafil membrane over cover board, inverted roof membrane waterproofing assemblies with Hanover pavers and Live Roof green roof modules, as well as ILD EFVM leak detection at 16 different locations, from

the ground all the way to the 12th floor penthouse roof. At times, Sullivan had three to four crews installing three or four types of roof systems at different locations throughout the facility.

Thanks in part to its striking Sarnafil roof, the building has also earned a LEED Platinum certified rating from the U.S. Green Building Council.

While Zurich Insurance will continue to protect its policyholders from hardships, the sustainable roof on the company's new North American headquarters will protect Zurich from the same.



SECOND PLACE

Sustainability
Category



Vivint SmartHome Arena – Salt Lake City, UT
Noorda BEC – Salt Lake City, UT

Much like Karl “The Mailman” Malone delivering a slam dunk after a perfect pass from John Stockton, Noorda BEC recently delivered a gorgeous new solar roof with a Sarnafil membrane to the Vivint SmartHome Arena, home of the NBA’s Utah Jazz.

Location of the project presented a difficult challenge for Noorda to overcome. The arena is located in downtown Salt Lake City, sandwiched between train tracks, a large outdoor shopping mall, parking garages and the busy street traffic. Noorda worked carefully with the building owner to coordinate

loading of the roof using a 100-ton crane on the ground and a 50-ton crane on the upper deck of the facility.

Sika’s RhinoBond System using Sarnafil S 327 80 mil membrane was first installed, and then a solar company was tasked with installing solar panels across the whole upper section of the roof that would provide sustainable power to the arena.

When the final buzzer sounded on the project, Noorda had delivered a stunning new sustainable roof that even The Mailman would be proud of – and this time, the assist came from Sika Roofing.





THIRD PLACE
Sustainability
Category

Los Angeles Convention Center – Los Angeles, CA
BEST Contracting Services, Inc. – Gardena, CA



The Los Angeles Convention Center (LACC) opened in 1971 and is considered one of the larger convention centers in America.

With exhibition space exceeding 700,000-square feet, meeting rooms offering 147,000-square feet, a theater seating 299 patrons and more than 1,960,000-square feet of parking, the LACC spans an area of 54 acres.

When it came time to re-roof various sections of the facility totaling over 500,000-square feet, BEST Contracting earned the challenge.

Using Sarnafil G 410 60 mil membrane, BEST installed new roofing on the 100,000-square-

foot Concourse Building, the 400,000-square-foot South Hall Building and the South and West Towers, which totaled 14,000-square feet apiece. The outcome was clean, energy-efficient and environmentally-friendly roofs.

These improvements helped the LACC become recertified as a LEED Gold facility, making it the largest convention center in the U.S. to receive LEED EB:O+M Gold recertification.

They say the stars shine a little bit brighter in Hollywood, but there's a good chance the enormous Sarnafil reflective roof on the Los Angeles Convention Center has something to do with that.



GLOBAL BUT LOCAL PARTNERSHIP



WHO WE ARE

Sika AG, located in Baar, Switzerland, is a specialty chemicals company with a leading position in the development and production of systems and products for bonding, sealing, damping, reinforcing and protecting in the building sector and the motor vehicle industry.

The corporation has subsidiaries in 84 countries, employs 16,000 people worldwide, and has more than 160 manufacturing facilities around the globe.

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