



SIKA AT WORK

MULTINATIONAL TECHNOLOGY COMPANY'S OFFICE BUILDINGS REDWOOD SHORES, CALIFORNIA

ADHERED ROOF SYSTEM USING 60 MIL G 410
ENERGYSMART ROOF® MEMBRANE IN WHITE

Sarnafil

BUILDING TRUST



SARNAFIL ROOF GIVES HI-TECH COMPANY SOMETHING TO EXCLAIM ABOUT

When viewed from above, two office buildings for a computer technology company in Redwood Shores, California resemble a pair of exclamation points. Perhaps the buildings are just thrilled about their brand new Sarnafil roofs.

The existing roofs on the two office buildings were EPDM roofs with pavers and two inches of gravel roof ballast, and had reached the end of their service lives. The decision to go with new Sarnafil adhered roofing systems on the two roofs was an easy one for this multinational company. "We have Sarnafil roofs on eight or nine other buildings, and have never had an issue," remarked the director of real estate and facilities at the company. "We've been very happy with them."

The computer company also had good experience with roofing contractors D. C. Taylor Co. in Concord, California, and was confident that they would do a quality job installing the roofs.

"NO ROOM FOR DELAYS, MISTAKES, OR NEGLIGENCE!"

D. C. Taylor Co. carefully planned each detail of the project to avoid any delays. "Everything on this project was pre-planned and executed as intended," said Raymundo Jimenez, construction manager at D. C. Taylor Co. "There was no room for delays, mistakes, or negligence."

Each roof had two levels -- lower and upper. The lower roof was rectangular and the upper roof was a cylinder. Tear-off of the existing roof involved removing the ballast, which was deposited by hand into metal boxes, about one ton at a time. The 12- by 12-inch concrete pavers along with the rest of the EPDM roof were also removed. A crane was also used to move materials on and off the roof. Because the building was in use during this project, the crane could only be operated

on weekends, when the building was empty. "We had to make sure we had all the materials on site before the loading date," Jimenez explained. "Fortunately, Sarnafil always delivers its materials well wrapped to avoid any dirt or damage."

Installation of the Sarnafil membrane was a bit challenging due to the gusty winds on the 8-story and 12-story buildings. "We did a lot of planning to try and avoid days when there might be high winds," stated Jimenez.

Where the rectangular roof meets the cylinder portion the roof gets very narrow -- down to four inches in places. D. C. Taylor Co. used suspended scaffolding (like window washers use) to work on these areas of the roof. "It can be a challenge to be on a floating platform, but we were able to still get all the details perfect," Jimenez said. "The Sika inspector visited the job often while the project was in process, which was helpful because we know as long as we are doing things the manufacturer's way, it is good quality work."

Speaking of window washers, to protect the new roofing system from the use of swing-stage window cleaning equipment, walkway pads were installed on both the flat part and cylinder of each building. This created a protection layer for the window cleaning equipment, and an attractive design at the roof perimeter.

Because there are no parapet walls on the roof, safety was another big concern. Guard rails were installed on the entire perimeter of the roof, and plastic nets were installed on the guard rail to stop debris from

PROJECT

Multinational Technology Company's
Office Buildings
Redwood Shores, California

ROOFING CONTRACTOR

D. C. Taylor Co.
Concord, California

ROOFING SYSTEM

Adhered Roof System, using 60 mil G 410
EnergySmart Roof® membrane in white

PROJECT SIZE

40,000 square feet

COMPLETED

August 2017





falling off the roof. The crew performed perimeter work using 100 percent fall protection, and were tied off to the building's permanent horizontal lifeline. Thanks to these safety practices, there was not a single incident during this three-month project.

"A HAPPY PLACE TO BE!"

What impressed the company's director of real estate and facilities the most about the installation was the minimal impact felt by tenants of the building. "The real story is there were no issues doing this project on an occupied building," he stated. "D. C. Taylor Co.'s commitment to customer service is huge, and their professionalism made it a happy place to be."

It was this professionalism and attention to detail that earned D. C. Taylor Co. third place in the Low Slope - Re-roofing Category of Sika Sarnafil's 2017 Project of the Year competition.

"ROOFS DOING SPECTACULAR!"

Both roofs have had no problems since installment. "The roofs are doing spectacular, despite a very rainy year," the director of real estate and facilities said. "I would definitely use Sarnafil and D. C. Taylor Co. again."

"I think of Sarnafil as the top of the line in roofing membranes, and their representatives are great and easy to work with," added Jimenez.

Is it just a coincidence that the buildings look like exclamation points, or are they really excited about their new roofs? The answer is "yes!"



MULTINATIONAL TECHNOLOGY COMPANY'S OFFICE BUILDINGS



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



ENERGY STAR® for roofing products is only valid in the United States
ENERGY STAR is a trademark of the U.S. EPA.
LEED® is a trademark of the U.S. Green Building Council.
Green Globes® is a trademark of the Green Building Initiative

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