

GENFLEX™ ROOFING SYSTEMS PROVIDE RELIABILITY THAT SCHOOL SYSTEMS SEEK:

Durable roofing meets high standards set by Virginia high schools



Project Overview:

Both Union High School and Central High School in Virginia were being rebuilt, including new roofing systems. Between the two schools, there was more than 4,000 square feet of new roof needed that was to be completed by the same contractor, SB Ballard.

Durable roofing that would stand the test of time and energy efficiency that would keep students comfortable were important to both school systems. Fully adhered GenFlex fleece backed TPO was selected to get the job done. This roofing system provides exceptional wind performance when needed and is ideal for roofs with unusual contours. The schools were completed in May 2014, and GenFlex TPO now serves Union High School and Central High School as a trusted partner.

There are roughly 100,000 public elementary and secondary school buildings in the United States – and with education budgets typically tight, the National Center for Education Statistics and U.S. General Accounting Office have estimated that at least a third of these facilities need extensive repairs or renovations. And as the school-age population grows, the need for expansions and new buildings grows, too.

This means school administrators and facility managers have to be focused on long-term durability and lowering operating costs when planning school construction projects.

Two high schools in Virginia found themselves in need of new roofing systems that could stand up to the test of time, while providing the schools with the added benefits of energy efficiency. They found a reliable partner in GenFlex Roofing Systems.

GenFlex keeps schools moving forward

School administrators from Union High School and Central High School in Southwest Virginia were pushing forward on an ambitious school consolidation and construction effort that would modernize facilities and build new high schools for the district's students. To make sure these investments would meet the needs of many generations of students to come, the construction plan called for a quality roofing system with low maintenance requirements.

"Both schools had great experience working with GenFlex and were able to complete the projects in budget and on time."

— Randy Johnson
GenFlex Distributor

A high-performance, GenFlex fleece backed TPO roofing system was able to fit the schools' criteria for quality and durable roofing. This fully adhered system, which is ideal for buildings with unusual contours, also features GenFlex Polyiso, an extremely efficient thermal insulation board.

Well-insulated roofing systems are key in lowering heating and cooling expenses over the life of institutional buildings like schools. The use of polyiso insulation is important for keeping classrooms comfortable amid the varied weather patterns of southern Virginia, which – like many states – is in the process of shifting to stricter energy efficiency.

With more than a billion square feet of roofing membrane installed over the last three decades, the long-term performance of GenFlex membranes and insulations has been proven in the field. GenFlex TPO single-ply roofing systems provide the lasting durability, easy upkeep and year-round energy performance that school systems demand.

"I've worked with GenFlex for over eight years now, and my experience has always been great."

— **Randy Johnson**
GenFlex Distributor

The GenFlex TPO Roofing System provided:

- Excellent heat reflectivity and weather resistance
- A boost in energy efficiency throughout building
- Easy installation due to product flexibility and elasticity

The fully adhered, tapered polyiso insulation added value to the TPO Roofing System by:

- Adding a sloping surface that promotes positive drainage for roofing
- Providing a better R-value performance per inch compared to other roofing insulations
- Maximizing energy savings and building efficiency



Reliable support from GenFlex distributors

GenFlex has built its reputation in the construction industry based on the reliable performance of its products, and also as a "customer first" partner for the roofing contractor. This commitment starts with distributors like Mid Atlantic Roofing Supply who reflect the same values and are dedicated to the contractors' success.

In this case, meeting schedule deadlines was crucial, given the strict school calendar. "During the construction process, I met several individuals who said that we would never finish the building on time," Superintendent of Schools Jeff Perry told SB Ballard representatives.

But in the end, Mid Atlantic Roofing Supply and GenFlex were a dependable team that helped keep the project on schedule. The two high schools were completed on time and in budget.

GenFlex: A strong reputation as a flexible partner

Mid Atlantic Roofing Supply enjoys working with GenFlex due to their great partnership they have built over the years based on flexibility and good service.