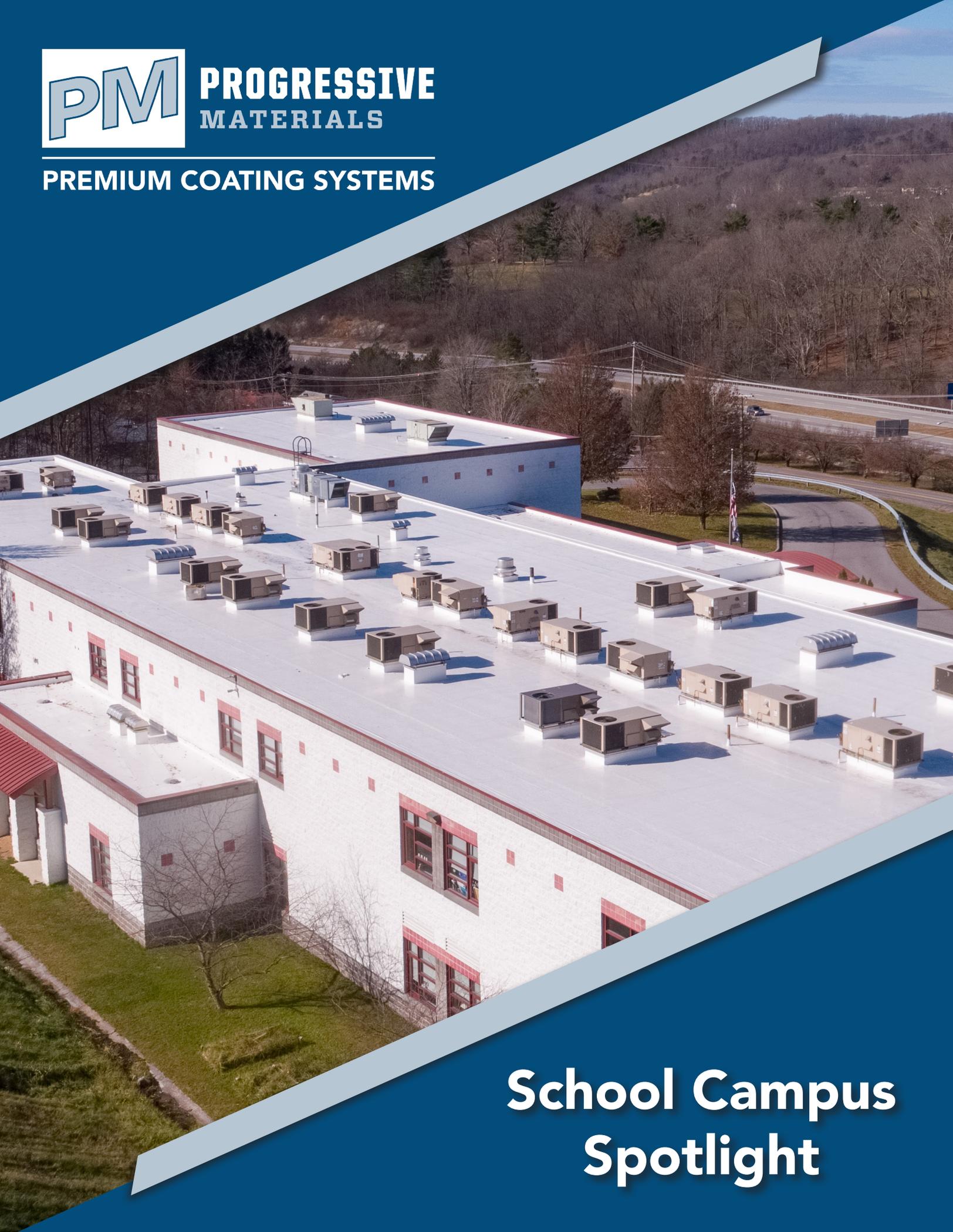




**PROGRESSIVE
MATERIALS**

PREMIUM COATING SYSTEMS



**School Campus
Spotlight**

How can PM Silicone help your school district?

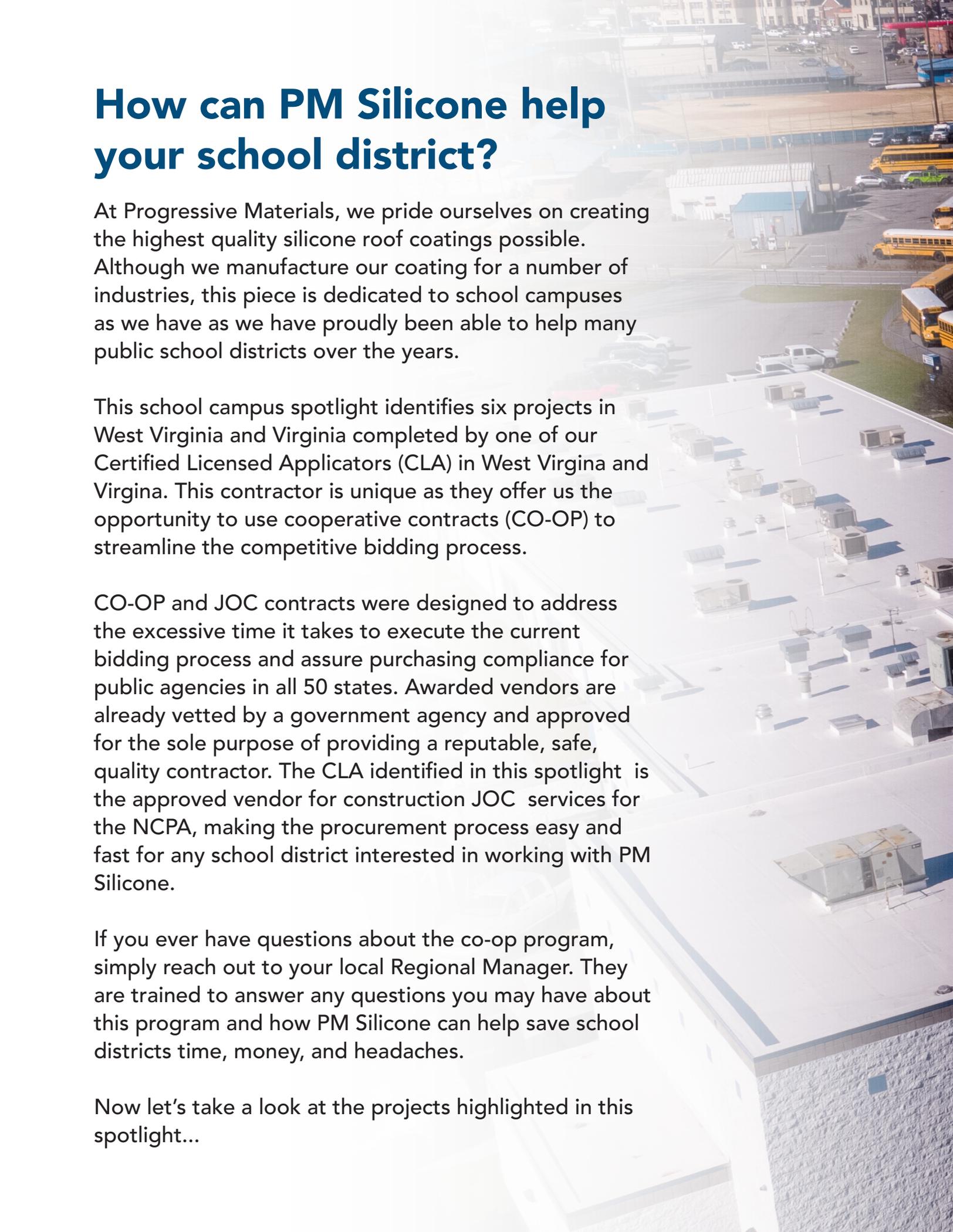
At Progressive Materials, we pride ourselves on creating the highest quality silicone roof coatings possible. Although we manufacture our coating for a number of industries, this piece is dedicated to school campuses as we have as we have proudly been able to help many public school districts over the years.

This school campus spotlight identifies six projects in West Virginia and Virginia completed by one of our Certified Licensed Applicators (CLA) in West Virginia and Virginia. This contractor is unique as they offer us the opportunity to use cooperative contracts (CO-OP) to streamline the competitive bidding process.

CO-OP and JOC contracts were designed to address the excessive time it takes to execute the current bidding process and assure purchasing compliance for public agencies in all 50 states. Awarded vendors are already vetted by a government agency and approved for the sole purpose of providing a reputable, safe, quality contractor. The CLA identified in this spotlight is the approved vendor for construction JOC services for the NCPA, making the procurement process easy and fast for any school district interested in working with PM Silicone.

If you ever have questions about the co-op program, simply reach out to your local Regional Manager. They are trained to answer any questions you may have about this program and how PM Silicone can help save school districts time, money, and headaches.

Now let's take a look at the projects highlighted in this spotlight...





PM

**PREMIUM
COATING SYSTEMS**

Kipps Elementary School

Silicone Coating on Gravel BUR



PREMIUM COATING SYSTEMS

Roof Size
24,300 square feet

Substrate
BUR

Location
Blacksburg, VA

The Problem

Kipps Elementary School had been experiencing several leaks near the central hub of the school. There were multiple penetrations on this part of the roof and, since it was a gravel built-up roof (BUR), finding and fixing the leaks was a cumbersome task. The school did not want to replace the entire roof at this time so they decided to fix the problem and save tax payer money with a PM Silicone roof restoration.!

The Solution

Gravel BUR roofs can be tricky to restore or patch. The gravel on the roof can create headaches if treated by conventional methods. Thankfully, PM Silicone has developed a surface leveling silicone, SL-800, specifically for these roof types. Here were the steps taken by the 6-man team to restore the Elementary school:

1. Remove all loose gravel and dirt
2. Powerwash the roof
3. Treat seams and penetrations with flashing grade silicone and fabric when necessary
4. Use SL 800 to level the remaining gravel
5. Apply HS-3201 silicone top coat to offer a seamless, energy efficient substrate

Benefits

Kipps Elementary was very pleased with their restored roof. Not only is the roof leak free, but they will see cost savings during the summer months. PM Silicone reflects the sun's UV rays keeping the buildings internal temperature lower than a dark colored roof. Because the school district made the decision to restore versus replace their roof, they saved over \$100,000 and have peace of mind with a 15-year labor and material warranty.





PREMIUM COATING SYSTEMS

Roof Size
45,200 square feet

Substrate
EPDM

Location
Matoka, WV



Lashmeet Matoka High School Energy Efficiency at its Finest

The Problem

Lashmeet Matoka High School's EPDM roof was 20 years old when they decided to restore it. There was no warranty left on the roof so, with several leaks throughout the building, they knew something needed to be done. As a public school, finding money in the budget for a roof replacement was nearly impossible. After an initial roof evaluation, a roof restoration was identified as the perfect fit for this school as it could offer a 15-year warranty, a completely waterproof roof, and immense energy savings in the summer months.

The Solution

The Certified Licensed Applicator (CLA) was able to restore the entire roof quickly and easily in just 3 steps:

1. Clean the roof with P-120 EPDM Rinseable Cleaner and a power washer.
2. Treat all seams and penetrations with FG-400 and fabric where necessary.
3. Apply HS-3201 silicone top coat to offer a seamless, energy efficient substrate.



Benefits

EPDM roofs are great candidates for PM Silicone restorations. Silicone adheres well to EPDM and turning a black roof white makes for great energy savings for the building owner. In Lashmeet Matoka High School's case, it also saved the school district hundreds of thousands of dollars by avoiding a roof tear off and re-roof. In less than a month, the Certified Licensed Applicator completely restored the entire roof with just a 6-person crew. A re-roof would have taken much longer, required more men, and cost the district much more money. Not to mention adding an entire school building's worth of roof waste to local landfills. The PM Silicone restoration kept that waste out of landfills and lowered the building's energy usage by reflecting UV rays with white silicone with the white silicone roof. This was a major win for the school district and the environment.

Montcalm High School

Time and Money Saved with a Silicone Restoration



PREMIUM COATING SYSTEMS

Roof Size
38,000 square feet

Substrate
EPDM

Location
Bramwell, VA



The Problem

Montcalm High School's roof was leaking in multiple places. The health of the children and staff was the school's primary concern, but these leaks also jeopardized the technology inside the building. Their EPDM roof was 20-years old with an expired warranty so they needed a budget-friendly solution. Thankfully, the PM Silicone roof restoration process cut down on time and cost and was a perfect fit for the school district.



The Solution

The Certified Licensed Applicator (CLA) was able to restore the entire roof quickly and easily in just 3 steps:

1. Clean the roof with P-120 EPDM Rinseable Cleaner and a power washer.
2. Treat all seams and penetrations with FG-400 and fabric where necessary.
3. Apply HS-3201 silicone top coat to offer a seamless, energy efficient substrate.

Benefits

In only 3 weeks, the CLA completely restored the school's roof. The ease of the PM Silicone restoration process saved the CLA time and man power and helped save the school district money. Additionally, the cost savings will be reflected for decades to come as the restored roof will lower the building's internal temperature, lowering energy costs and expanding the life of the school's AC units.



PREMIUM COATING SYSTEMS

Roof Size
29,200 square feet

Substrate
EPDM

Location
Bluefield, WV

Bluefield Intermediate School 29,000 Square Feet Restored in 2 Weeks



The Problem

When a building begins having active leaks in the roof, it is only a matter of time before things take a turn for the worst. Bluefield Intermediate School's leaks began worsening and expanded throughout the entire school. The 20-year old, EPDM roof was in bad shape and needed a fix quickly. A re-roof would have been a long and tedious process, so the school elected for a PM Silicone roof restoration. Instead of waiting months for their roof to be replaced, the school's roof was completely waterproofed in just two weeks with this process!

The Solution

The Certified Licensed Applicator (CLA) was able to restore the entire roof quickly and easily in just 3 steps:

1. Clean the roof with P-120 EPDM Rinseable Cleaner and a power washer.
2. Treat all seams and penetrations with FG-400 and fabric where necessary.
3. Apply HS-3201 silicone top coat to offer a seamless, energy efficient substrate.



Benefits

If you're thinking 2 weeks is not long enough to properly restore a roof of this size, think again. The roof now has a 15-year warranty on it so the work of the CLA is guaranteed. This job was completed so quickly due to the ease of application of silicone and the fact that the existing roof did not need to be torn off and replaced. After all was said and done, the school district saved big by choosing a silicone roof restoration. They also bypassed the headaches of ever-worsening leaks by choosing a solution that can be installed quickly and efficiently.



Princeton Primary School

Navigating Air Conditioning Units Made Easy



PREMIUM COATING SYSTEMS

Roof Size
47,990 square feet

Substrate
EPDM

Location
Princeton, WV

The Problem

With over 40 air conditioning units on this roof, Princeton Primary School would have been looking at a hefty price tag for a complete re-roof. The time and cost of a new roof installation would have added up quickly for this nearly 48,000 square foot building. By using a PM Silicone roof restoration, they bypassed the large price tag of a re-roof and still got a waterproof roof with a 15-year warranty.

The Solution

The Certified Licensed Applicator (CLA) was able to restore the entire roof quickly and easily in just 3 steps:

1. Clean the roof with P-120 EPDM Rinseable Cleaner and a power washer.
2. Treat all seams and penetrations with FG-400 and fabric where necessary.
3. Apply HS-3201 silicone top coat to offer a seamless, energy efficient substrate.



Benefits

The ease of silicone application saved the school in a big way. Instead of cutting and installing new roofing around each AC unit, the CLA simply applied silicone up the base of the unit. Creating a seamless, waterproof membrane on the roof took about 1/3 of the time as a traditional re-roof on a roof of this scope. These savings, as well as the cost saving ensued by the new, lower energy bills, makes PM Silicone a no-brainer on a project such as this .



PREMIUM COATING SYSTEMS

Roof Size
42,200 square feet

Substrate
EPDM

Location
Princeton, WV



Princeton High School

Roof Penetrations Allowing Water Into School

The Problem

As seen in the photos on this page, Princeton High School's roof had several penetrations on it. For years, these caused no issues, but as the roof broke down over time, these penetrations began allowing water into parts of the building. Multiple sections of the roof were failing and the school began looking for options to stop the water flow. PM Silicone's white silicone roof coating seemed like the perfect fit as it could create a seamless substrate on the roof as well as be applied thicker around penetrations.



BEFORE

The Solution

The CLA was able to restore the entire roof quickly and easily in just 3 steps:

1. Clean the roof with P-120 EPDM Rinseable Cleaner and a power washer.
2. Treat all seams and penetrations with FG-400 and fabric where necessary.
 - a. Given the severity of issues surrounding the on-roof units, more FG-400 than usual was used on this building to ensure a watertight seal
3. Apply HS-3201 silicone top coat to offer a seamless, energy efficient substrate.



AFTER

Benefits

Princeton High School's roof was restored and completely water proofed in just 3 and a half weeks using the PM Silicone system. The CLA took special care around all the objects on the roof resulting in a new 15-year warranty for the school. The sections that have been coated will also notice a lower energy bill. The original black EPDM substrate soaked in the sun's UV rays heated the building and caused large energy bills in the summer. The white PM Silicone coating will reflect up to 88% of the sun's UV rays keeping the building cool and saving the school district lots of money over the coming years.

Additional schools that



Henryville High School



Clarksville Middle School



Green Valley Elementary



Cornerstone Christian Academy

have used PM Silicone...



Scott County High School



Sawyer Elementary



St. Joe's Middle School



Midview High School



**Learn more at
PMSILICONE.COM**