



Maryland Court:

SPF renews smooth BUR with many penetrations and transitions

PROJECT INFORMATION

Project Year: 2022

Project Size: 16,560 sq ft.

Project Location: Grosse Point, MI

Project Overview: Spray Foam over existing Smooth Built-up Roof

Manufacturer Used (Foam): Carlisle

Manufacturer Used (Coating):

Progressive Materials

The customer was concerned with multiple leaks steaming from the roof, causing interior damage and the spread of mold.

Upon inspection of this multi-surface and multi-level roof, we quickly noticed an abundance of issues, including outdated skylights, transitions from one roof surface to another, previous repairs, and numerous penetrations throughout the entire facility.

Installing a spray foam roof instead of a conventional roof will save the client a great deal of money. Due to spray foam being able to spray on top of existing surfaces, the customer didn't have to worry about spending large amounts of money to tear off the entire roof.



Before



Before



After



After



Final Scope of Work

- 1.5" of foam over smooth Built-Up roofing and sloped shingles
- 25-mil spec of high-solids silicone with granules embedded
- 14 custom fabricated unit pads for each condensing unit were installed
- 5 different skylights were removed and eliminated
- New custom perimeter edge metal
- New cap metal
- New flange back gutter systems with downspouts were installed
- The skylights that were preserved were wrapped and protected before spraying
- 15-year warranty

We installed the roof in less than half the time of contractors using traditional systems.

The number of transitions from one roof surface to another, and the number of penetrations in the surface, would force conventional systems to spend a much longer time on detail, causing the customer to pay more in labor.

