



Thor Mann Residence:

New York Residence gets spray foam roof, places 2nd at SPFA Awards

PROJECT INFORMATION

Project Year: 2019

Project Size: 6,512 sq. ft.

Project Location: Croton-On-Hudson, New York

Project Overview: Spray Polyurethane Foam Roof

Manufacturer Used:
Spray Foam = Carlisle RFC
Coating = Henry

Thor Mann Residence is a Frank Lloyd Wright architecturally designed, mid-century modernized home that was built in the 1940s.

The owners of the residence were looking for a roofing system that not only saved on energy costs, but also would be able to maintain its architectural beauty.

The project included the removal of all the gravel surfacing, an average of 2.5 inches of spray foam, 25 mils of silicone coating applied in two contrasting color coats, and the waterproofing of the internal gutter system.

The most mesmerizing part of the project is the unique, four-color blend of granules that were embedded into the top coating.





Finished Project



Custom 4-color granules



House draped top-bottom

Final Scope of Work

- Removal of all gravel surfacing
- Average of 2.5" spray foam
- 25 mil of silicone coating applied to two contrasting color coats
- 6 different color hues of 3M S-grade granules used in varying percentages to make final 4 color blend
- Waterproofing of internal gutter system
- Real stone chimneys encapsulated
- New edge metal installed around every perimeter
- 15 year full-system warranty granted
- 2nd place at 2020 SPFA Awards for SPF roof under 40K square feet

SPFA NATIONAL INDUSTRY EXCELLENCE AWARDS 2020

CONTRACTOR
WEST ROOFING SYSTEMS, INC.

PROJECT
Thor Mann Residence

CATEGORY
Roof Foam under 40,000 sq. ft.

Designed by Frank Lloyd Wright and built in the 1940s the house is beautiful and architecturally significant. The owners were looking for a roofing system that would save on energy costs, and maintain its architectural beauty. West's SPF solution was 30% more competitive bids and delivered more insulation value. Silicone coatings realized the built-in gutter, weathertight, removing and replacing all the metal gutters. SPF's self-sealing capabilities and ability to provide a tapered insulation added to the cost-effectiveness of the solution. And lastly the renewability of SPF means the family will never have to replace their roof again.


