

**Sharpsville Container:** Learn how spray foam was 4x more cost-effective than alternative solutions.



## PROJECT INFORMATION

**Project Year:** 2022

**Project Size:** 69,000 sq ft.

**Project Location:** Sharpsville, PA

**Project Overview:** Spray foam over

EPDM, Metal, Smooth BUR, and

Steep Slope Metal

**Manufacturer Used (Foam):** SWD

**Manufacturer Used (Coating):**

Progressive Materials

Sharpsville Container's primary concern was getting the roof issues fixed as cost-effective as possible.

When they got quotes to remove the existing roofs and replace them with a new roofing system, they couldn't believe the costs.

The approximate cost to remove and replace a metal roof was 4x higher than the spray foam method.

The EPDM and SBUR costs to remove and replace weren't that much better.

They decided to go with spray foam because it could go over their existing roofs, increase R-value, fill in every nook and cranny on the metal roofs, and have a renewable warranty.

Some areas had no R-value and with the installation of 4 inches of foam, were left with an R-25.

25 mils of coating was installed, giving Sharpsville Container a renewable 15-year warranty.





Multiple applicators



4" of foam



Up-close



6 ft mini roof



## Scope of Work

- Complete roof survey report
- 0% deck replacement
- Ballasted rock removed
- Wet iso-board identified and removed
- All surfaces broomed, air blasted, and rinsed
- Due to severe steep sloping, 25% of the project required a man-lift
- 1.5" average thickness of spray foam on the metal roofs
- 4" of spray foam on flat roofs
- 25 mils of coating w/embedded granules
- Renewable 15-year warranty

The alternative solution of performing a complete tear-off, transporting all the material to a landfill, and installing a brand new metal, single-ply or smooth built-up roof would've cost at least quadruple.

*\*\*\*This project won 1st place at SPFA23 for a spray foam roof over 40,000 sq. ft.\*\*\**

