

CASE STUDY: Foundry Office Building

LOCATION: Kutztown, PA

SITUATION:

The office building of the foundry was experiencing multiple roof leaks. It was disruptive to business and the reactive approach to repairing the leaks was becoming costly and time-consuming.



6,123 sq. ft.



SR PreVision inspection / analysis



CLP Replacement SR 120AW



Before



After

SOLUTION

First, a SR PreVision inspection and analysis were performed on the roof section. This comprehensive process includes a visual inspection, infrared scans, core membrane sample testing in our laboratory and an extensive condition report outlining the findings. It was determined that the roof was beyond repair and a tear-off and replacement was the smartest solution.

After completing the asbestos testing and other safety requirements, Simon Roofing removed the existing roof down to the deck. New insulation was installed, followed by our signature CLP (Cross Linked Polymer), which is a superior alternative to traditional single-ply roof systems that offers better weathering, more waterproofing and enhanced performance. After mechanically attaching the CLP sheet, one layer of Wite Brite™ elastomeric coating was applied across the roof section to create a seamless and watertight surface.

In addition, all of the flashings on the roof received a five-course treatment (alternating layers of Wite Brite™ and SR Poly) for added protection. Four new drain inserts were also added during the installation.



Before



After



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END RESULT:

- Seamless, watertight roof
- 20-year labor and materials warranty
- Sustainable with future restoration options
- Significant cost, disruption and waste savings compared to a tear-off

