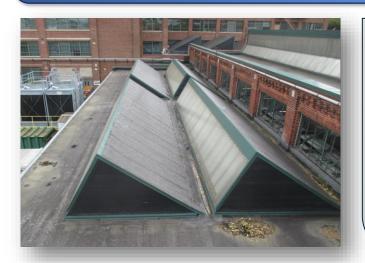


ABM Teams with RAM USA to Save \$600,000 from Going to Waste



Takeaways

- Roof Infrared Analysis and Forensic Surveys offer a significant ROI
- BUR/Modified Roof Restoration is a longer term solution
- Restoration will save capital dollars and reduce the carbon footprint
- Restoration of roofs is a less disruptive alternative

Facility Background

- Midwest Manufacturer
- APP Modified Roofs



RAM USA determined the roofs could be saved and restored through cutting edge diagnostics!

Challenge

A Midwest motorcycle manufacturer had their hands full with an abundance of issues with their 100+ year old buildings and a leaking roof. The skylights were a water entry and energy issue. The masonry parapet walls were also a source of water entry. They were advised by a roofing contractor that a \$1-2 million roof replacement was necessary. The proposed roof replacement did not address all of the issues.

Solution

RAM USA was retained by ABM, the Facility Management Company, to perform a forensic roof survey. RAM USA developed detailed recommendations that:

- Offered a long term solution
- Saved capital dollars reduced the project cost by 50%
- Addressed the skylight and structural issues
- Reduced the energy issues
- Less disruptive
- Addressed the masonry issues

The roofs were restored and were warrantied with a full system warranty. This new solution was half the cost of the proposed contractor solution.

Results

RAM USA's Assessment revealed that the roof did not need to be replaced. RAM USA recommended a roof restoration, removed wet roof areas, removed the skylights and designed a structural solution to the skylight replacement. In addition to saving significant capital dollars, RAM USA was able to prevent significant debris that would have been sent to the landfill.