

## CASE STUDY:


# Concordia University

LOCATION: PORTLAND, OR



### SITUATION:

This lecture hall at Concordia University had experienced several roof leaks over recent years. The building was actually in the process of being sold so the roofing issues needed to be addressed. The existing roof was an asphalt built-up roof (BUR). A roofing provider had recommended a completely new roof system be laid over the existing roof. Not only was this costly, but the recommended system was a torch down BUR, meaning all seams would be torched across the roof. This process actually breaks down the system because of the intense heat and will lead to water intrusion.

 35,325 sq. ft.

 SR PreVision inspection / analysis

 SR 461t



### SOLUTION:

Simon Roofing performed its extensive SR PreVision inspection and analysis process. This combines a visual inspection with infrared scans and extensive testing of the membrane sample in our laboratory. Combine all of that with years of roofing data, it was determined that there was actually some existing life left in the current roof so a restoration was possible.

Based upon the roof type, location and building demands, the SR 461t restoration was the smartest solution. This restoration is made up of multiple layers of Wite Brite™ elastomeric coating and SR Polyester to create a seamless surface across the roof, paying special attention to common weak spots of the roof. The SR 461t solution also comes with a full 20-year labor, workmanship and materials warranty, which Simon Roofing can offer because it is both the manufacturer and installer of its materials.

As a comparison, the torch-down layover system proposed by the other roofing provider was not seamless and was also 15% higher in price. Their proposal included only a one-year workmanship warranty and a 20-year material warranty.

### END RESULT:

- Seamless, watertight roof
- 15% cost savings compared to layover option
- 20-year labor, workmanship and materials warranty
- Opportunity for future restorations for sustainability

“Complete coverage! Coverage in warranty, coverage (seamless) in roof product. New technology made Simon Roofing truly stand out”.

-Stan Jackson, Director of Operations



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