Overview

Established in 1957, the University of Waterloo is home to approximately 35,000 students enrolled in programs such as Science, Engineering, Environmental Studies, Arts, and Social Sciences. Due to ever-changing technology, the university is continually upgrading their laboratories and older buildings. Fibergrate is specified for many applications to help achieve these upgrades.

Problem

The Plant Operations team required a safe access area for the maintenance of the new Fume Hood Exhaust Units, located on the roof of Biology Buildings 1 & 2. Regular preventative maintenance is required on both the Blower Motors and Filters. Due to seasonal weather condition fluctuations, the university required a highly visible, safe, and non-slip rooftop working area for their staff to carry out these regular maintenance procedures, at any time of the year.

Solution

Fibergrate was able to offer a solution to solve the University of Waterloo’s issues by designing, fabricating and installing a maintenance free and slip resistant platform around the fume hoods. Dynaform® Structural Shapes, complete with UV protected handrails, and highly visible yellow, non-slip Corvex® molded grating, were used to create a durable, long term solution.