CASE STUDY
Architectural & Commercial

Fibergrate Composite Structures
Building the World to Last®

Project Specs

Location: University of Waterloo, Waterloo, Canada
Application: Roof Service Platform
Product: Corvex® Molded Grating, Dynaform® Structural Shapes, and Dynarail® Handrail

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.

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