



Royal Roads University (Westshore Campus)

Langford, British Columbia, Canada

Project Overview

Royal Roads University is constructing a new campus in Westshore to provide education and a skilled workforce to one of Canada's fastest-growing communities.

The \$98-million facility is expected to open in the fall of 2024 with approximately 600 students and plans to expand to 1,300 full-time students by 2035.

Architect hcma designed a mass-timber construction campus and selected CarbonCure to reduce the carbon footprint of its concrete foundations. Butler Concrete, one of the top low-carbon concrete providers on Vancouver Island, provided over 2,174 cubic metres of CO₂ injected concrete for the project. To date, Butler Concrete has enabled the savings of more than 4,700 tonnes of CO₂.

"Just as this campus represents a bright future for students, the building itself represents the standards we need to uphold to create that future. Beginning with a foundation that has these environmental standards built in also conveys the partners' shared values of innovation, climate risk adaptation and sustainability."

- Philip Steenkamp, Royal Roads University President

Quick Facts

Concrete Supplier:

Butler Concrete and Aggregate

Construction Manager:

Durwest Construction Management

Architect:

hcma

CO₂ Savings Enabled:

2,174.2 cubic metres of low carbon concrete representing a 31% reduction in embodied carbon.

Completion: 2024



carboncure.com