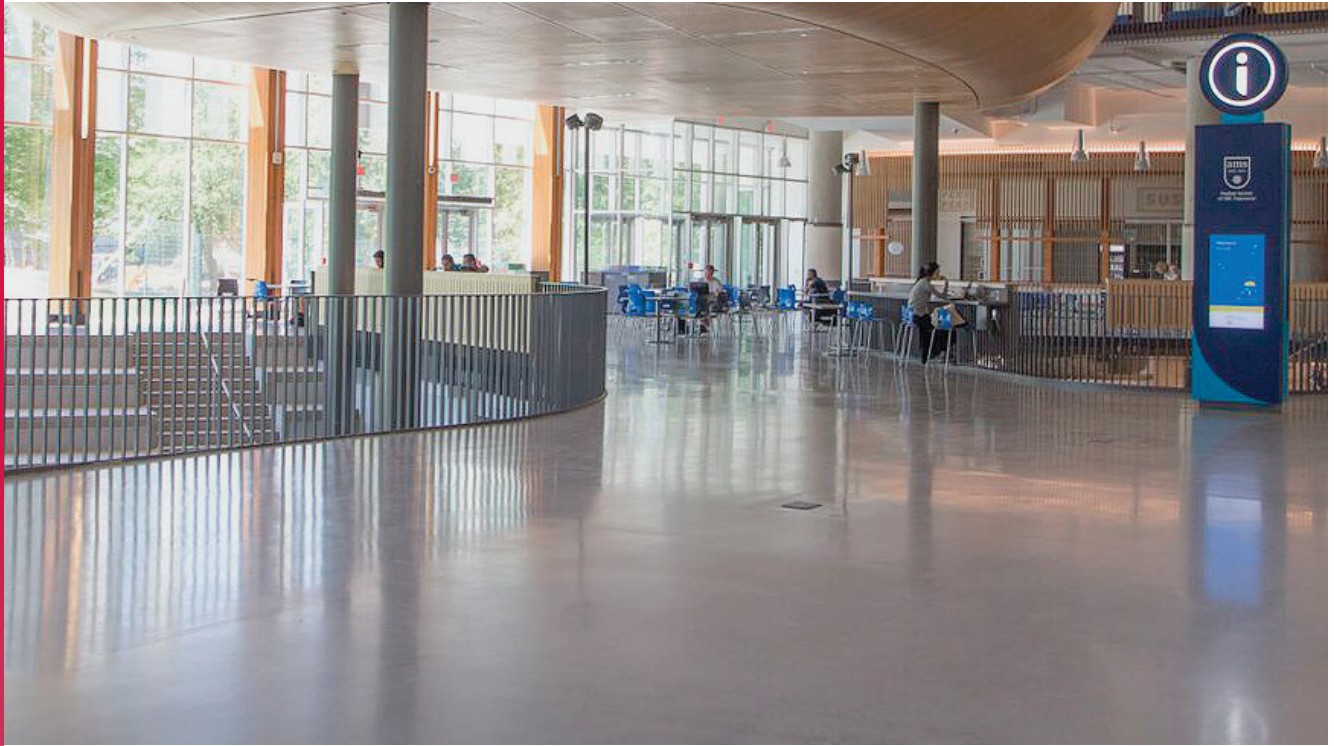




# PROJECT BRIEF



## UNIVERSITY OF BRITISH COLUMBIA STUDENT UNION BUILDING

**Project Type:**

University

**Application:**

Polishable concrete overlay

**Location:**

Vancouver, British Columbia

**Project Dates:**

May – Nov 2014

**Project Owner:**

University of British Columbia

**Contractor:**

Level Tech Concrete Systems; Bird Construction

**Project Size:**

65,000 sq. ft.

**Product:**

Rapid Set® TRU® Self-Leveling,  
TXP™ Fast Epoxy Primer

With their student union building bursting at the seams, University of British Columbia students voted to replace the existing building with a much larger one that would be ecologically, socially and financially sustainable. In 2015, the new building opened, dubbed “the Nest,” featuring (among other things) a high-performance building envelope, daylight harvesting and natural ventilation, as well as a flexible performance space and student lounge that sits, nest-like, above the main concourse.

Inside, a five-story central atrium faces “the Knoll,” a popular outdoor gathering space. Terraced seating and stairs sweep across the atrium’s two lowest levels, extending the curves of the Knoll into the building. The grassy outdoors transition to expansive polished concrete flooring.

For the polished concrete flooring, the contractor first primed the substrate with TXP Fast and then installed TRU Self-Leveling with integral color (light gray). The crew applied a light broadcast of fine aggregate. The grinding and polishing process included one metal step, one transition step, and overlay resin steps, polished up to an 800-grit finish.