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EDGE

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LINING

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BARRIER

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STRUCTURAL

Cut To
SIZE





BARRIER

PROJECT SPECIFICATIONS

PRODUCTS:

Ecoply® Barrier

ARCHITECT:

Warren and Mahoney

BUILDER:

Naylor Love Construction

A generous outdoor plaza is at the heart of a significant addition to the Otago University campus. The Plaza is intended as a social space for the wider campus and is situated adjacent the newly opened Dunedin Stadium to the east of the University.

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BARRIER



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An impressive addition to the Otago University campus in Dunedin has specified Ecoply® Barrier for the development of a contemporary four storey plaza designed to accommodate both academic and recreational facilities.

CHALLENGE

The need to integrate the new development with the existing campus meant incorporating the widely used Oamaru stone into the palette of materials used for the new development.

Architect Vanessa Carswell, of Warren and Mahoney, explained a solid plywood substrate was necessary not only to fix the stone but also to act as a rigid air barrier. "We spoke to Carter Holt Harvey® Woodproducts in the early days when we were looking at options. Ecoply Barrier had been suggested to us by our consultant as we needed rigidity for the structure. Because we were fixing into it fairly regularly with bolt fixing required for the cladding system we weren't particularly comfortable with using a sheet of building paper as we weren't sure it would work practically with sealing around rips or tears."

SOLUTION

The likelihood of exposure to high winds and unpredictable winter weather called for a product that will stand the test of time. The Ecoply Barrier system replaced traditional building wrap and formed strong a secondary line of defence against moisture penetration into the building framing.

It's lightweight, provides structural strength and is quick to erect and to close in. It's a nice, easy product to use

"We had moved away from other lining systems because with the salty air environment we had to be able to wash it clean," Vanessa says. "Ecoply Barrier ticked all the boxes in what was a relatively unique situation."



Project Manager Jason Tutty, of Naylor Love Construction, agrees. "It's lightweight, provides structural strength and is quick to erect and to close in. It's a nice, easy product to use."

With time being an important factor of this build the ease of installation was significant. The Ecoply Barrier system helped ensured the construction process was smooth and straight forward, with the Ecoply Barrier system providing the added bonus of protecting the internal lining of the building prior to the installation of the cladding being completed.

RESULT

As each step in the development is reached the older established campus buildings will, over time, merge with the new. It is reassuring to know that supporting the stone façade overlooking the Plaza is a material designed to last – much as the university itself.

