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Kamloops Restaurant

Location:

Carlos O'Bryan's Restaurant
Kamloops, British Columbia

Contractor:

R+D Construction
Kamloops, B.C.

Project:

Rooftop Patio
1,275 Sq. Ft.

Solution:

VAST Composite
Landscape Pavers

Completed:

2010



New Rooftop Patio Tops Off Renovation of Downtown Restaurant

Based on Superior Product Performance, VAST Composite Pavers Replace Cracked Concrete Patio Stones... Added Bonus: the VAST Composite Material is Green



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Reg Henry is the owner of the [Kelly O'Bryan's Neighborhood Restaurants](#) in British Columbia. He saw an opportunity to add a second restaurant in the downtown area of Kamloops and acquired the former Players Chop House and Lounge at 357 Victoria Street. But before his new Carlos O'Bryan's Neighborhood Pub opened in April 2010, the 60 year-old building underwent extensive renovations.

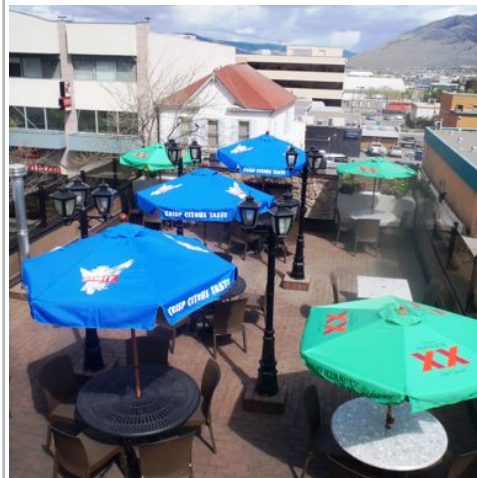
The previous owners had added a 1,275 square-foot patio on the roof in 2005. Featuring a stone fireplace, the patio had proven to be popular. Henry wanted to re-create it as part of the renovations.

According to Devin Beckett, owner of R&D Construction in Kamloops, the patio was constructed with 2-by-2-foot concrete patio stones. They had not held up well through repeated freeze-

thaw cycles during the winters. "The concrete absorbed water so the concrete stones had cracked, some had crumbled, and others were faded and discolored," said Beckett.

The concrete patio was demolished and removed. The interior ceiling lifted up as the wood joists were relieved of the approximately 28,000 pounds of saturated concrete. The roofing contractor for the project, Focus Roofing and Sheet Metal, Ltd., then re-did the roof. They torch applied a SOPREMA two-ply SBS membrane roof system with a brown granulated cap sheet. Once the new roof was in place, R&D Construction could install the new patio.

The original plan was to pour a concrete slab on top of the roof membrane and stamp it with a cobblestone pattern. Due to load restrictions, the poured concrete could be no more than two inches thick.



“I recommended VAST Composite Pavers based on their superior performance over concrete - including stain resistance and versatility.”

Devin Beckett, Owner
R+D Construction

In addition, with only limited access through a narrow alley, pouring a slab two floors up would not have been easy. And if problems were to develop on the roof in the future, getting to the membrane would require removal of the concrete again.

Beckett set out to explore other options. The requirements were a tall order: suitability for a rooftop, a good looking surface that would complement the fireplace, durability, ease of installation, and ease of maintenance.

“Devin is a visionary kind of builder. So it didn’t surprise me that he would search for an innovative solution for the patio,” said Henry.

“I recommended VAST Composite Pavers to Reg based on their performance characteristics over concrete for the project. Plus, if we ever have to get access to the roof membrane, we can remove just the pavers above the section we need to inspect or repair. That it’s green was an added bonus,” said Beckett. *“What was most important was its superiority in meeting our requirements.”*

VAST Enterprises, LLC achieved a breakthrough by engineering the first rubber-plastic composite with up to 95 percent recycled content and the performance attributes of masonry. The composite material does not absorb water so it does not crack, the pavers are stain- and impact-resistant, and they are UV-treated to look good year after year. In addition, VAST pavers are one-third the weight of concrete. That makes them easier to use, faster to install, and ideal for applications for which clay bricks or concrete pavers would be too heavy or cumbersome.

A DELTA®-DRAIN 6000 drainboard was applied on the roof membrane to direct rainwater to the roof drains. VAST’s grid system was then laid out directly on top of the drainboard. When Beckett’s crew inserted the VAST pavers into the grid, the pavers were automatically spaced and aligned correctly. The Boardwalk color was selected to harmonize with the fireplace. The running bond pattern, with pavers butted end to end with joints aligned in the middle of the paver on the next row, imparted a classic look.

This was R&D Construction’s first project with these pavers. *“The material was great to work with — easy to carry, easy to cut, and easy on your hands,”* Beckett said.

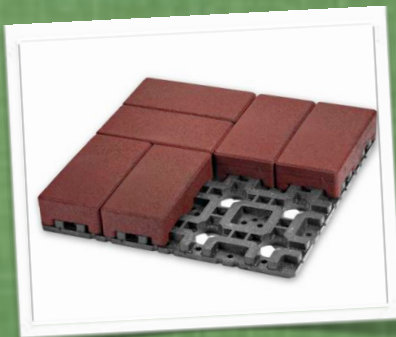
The new patio has a warmer, more inviting feel than the original. *“The renovated patio is more in keeping with style of the building and ambiance of the neighborhood,”* said Henry.

“In a restaurant you have spills, ketchup on the floor, glasses falling, and all the rest. The VAST pavers are easy to keep clean,” Henry said. *“We’ve even had some glasses fall off the tables, hit the pavers, and not break.”*

The VAST Environmental Benefits

The VAST Composite Pavers installed on the rooftop used material recycled from more than 635 scrap car tires and more than 19,000 plastic containers.

Because of their smaller carbon footprint, using VAST Composite Pavers instead of concrete kept some 49,000 pounds of CO2 from being emitted into the atmosphere.



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