

RENOVATION: Fairmont Empress Hotel

Exposed Structural Steel Beams Gain Added Purpose

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You never know what treasure may evolve from a renovation. It could be a beautiful hardwood floor buried under years of lino, or in this case, some pretty messy looking steel beams hidden in the walls. But with a little vision and the right products, the end result is really quite stunning.

Bob Heyes was the Trade Sales Representative from Cloverdale Paint responsible for providing his expertise for this project and sourced Quantum Chemical's **SafeCoat® Steel** and Cloverdale Paint's **WeatherOne Acrylic Flat Black** to turn these beams into an architectural dream.

Once exposed, these beams required a one-hour fire resistance rating. The beams, W460x74 and W610x125, totalled 690 linear feet requiring ~270 gallons of product. This was based on 160 mils DFT SafeCoat® Steel and a single top coat of Cloverdale WeatherOne.

The pictures above speak for themselves. Perhaps your next renovation will uncover a treasure you need to protect. Quantum Chemical's Engineer, Dave Martin (dmartin@quantumchemical.com), provides support in calculating mil thickness requirements and product quantities for structural steel protection for up to two hours.

Quantum Chemical is a specialty coatings formulator and manufacturer involved in the containment, utility infrastructure, transportation, and building construction/refurbishment industries with a keen focus on fire retardant and Zero VOC products. Quantum Chemical's Canadian-made fire retardant products support and protect infrastructure. For additional information about all our products visit www.quantumchemical.com.