

# PROJECT PROFILE



Roofing



Building Envelope



Structural



Pavement



## Surrey Central City Shopping Centre

### Scope of Work

This rooftop parking lot sits atop a busy shopping centre, and the parkade plaza deck roof had reached the end of its useful life. Using a multi-phase approach over several years, this project required:

- » Insulated split slab concrete topping with 2-ply SBS mod-bit membrane, drainage mat, and insulation in some portions and bonded asphaltic concrete topping in other areas.
- » Liquid applied traffic deck coatings with PMMA waterproofing system on ramps and drive aisles, with polyurethane in the parking stalls and pedestrian areas.
- » Fire rated expansion joints replaced throughout, which were a combination of Situra flexible sheet system and compressible foam with integrated metal frames and cover plates.



**Top of Page:** Aerial view of parkade and rooftop parking structure

**Above:** New insulation being installed above 2-ply SBS mod-bit membrane

**Below:** Newly finished surface on top of parkade structure

**Left:** Old concrete slabs and insulation removed before deck repairs and membrane replacement



Structure Type: Commercial  
Location: Surrey, BC  
Project Duration: June 2013 - April 2018  
Construction Cost: \$4,000,000.00



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