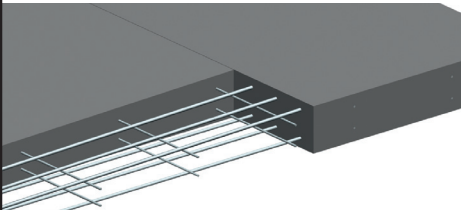


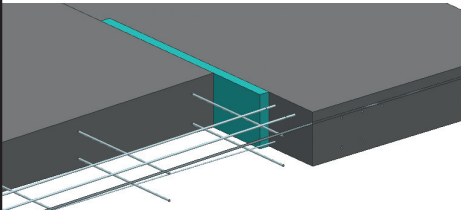


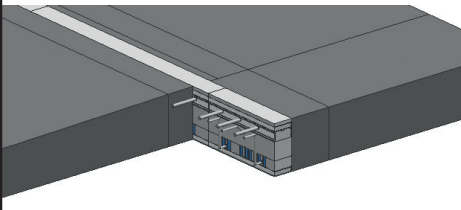




Key Findings						
Slab Scenario	U-value of Balcony Slab Area W/m ² K (Btu/ hr ft ² °F)	Reduction of Heat Loss	Coldest Concrete Temperature ¹⁾ [°C]	Meets Design Criteria With Regard to Condensation Resistance ²⁾	Meets Code ³⁾ [SB-10]	Heat Energy Savings
Continuous Slab (Conventional solution) 	4.88 (0.859)	N/A	-0.5 °C (31.1 °F)	No 	No 	N/A
Slab with intermittent concrete (Site solution) 	3.86 (0.680)	21%	1.5 °C (34.7 °F)	No 	No 	2.0%
Slab with Isokorb (Schöck solution) 	1.21 (0.213)	75%	7.0 °C (44.6 °F)	Yes 	Yes 	7.3 %

¹⁾ at design temperatures of -18 °C (-0.4 °F) Exterior and 21 °C (69.8 °F) Interior (close to 2009 ASHRAE Handbook-Fundamentals)

²⁾ temperature greater than the dewpoint of interior air 5 °C (41 °F) at RH 35% and 21 °C (69.8 °F)

³⁾ Energy Efficiency Supplement (SB-10) of the Ontario Building Code requires to exceed by not less than 5 % the energy efficiency levels attained by conforming to the ASHRAE 90.1-2010