

Royal Canin

Puslinch, Ontario

“The exterior walls on the project were originally conceived to be insulated metal wall panels, however, during various meetings it was determined that the insulated metal wall panels would not withstand normal abuse from the daily operations of the facility. Various options were reviewed, but the option selected was precast. The insulated precast wall panels incorporated in the project gave us a solid wall that would withstand normal abuse, yet still gave us the insulation value we were looking for, and was economical”

~Ryan J. Harris,
Nelson Timbro

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(519) 737-1216
www.psi-hci.com



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Royal Canin manufactures premium dog and cat food internationally. This facility is designed for lean production and total quality management throughout the process. The designers turned to precast concrete to supply the efficient, durable and economic structure for this ISO-certified manufacturer. The insulated precast wall panels are ten inches thick. Ninety-one panels are non load-bearing and twenty-six are load-bearing. Heights of the wall panels ranged from 9.5 to 13.7 metres. Installation required three move-ins.

The panels contained the maximum amount of insulation possible, and the design accommodated several additional and/or modified openings as required by Royal Canin. The insulated precast wall panels were manufactured with lifting devices and embedded hardware to achieve less solid concrete sections and more insulation as required for the safe storage of the food products.

