



Mixing Strength With Satisfaction

AMBASSADOR APARTMENT BUILDING, OTTAWA, ON

FA-S10 CONCRETE

PROJECT:	15 Woodbridge Crescent (Apartment Bldg) Ottawa, ON
OWNER:	Minto Developments Inc.
SPECIFIER:	Halsall Associates Limited Ottawa, ON
CONTRACTOR:	Bassi Construction and Masonry Limited Gloucester, ON
PRODUCT:	FA-S10 Concrete
QUANTITY:	30 m ³ (1,100 ft ³)
COMPLETION:	Fall 2007

This 7 storey apartment building, constructed in 1962, has endured many tough eastern, Ontario winters. Exposure to many freeze/thaw cycles during this time has led to varying degrees of damage to many of the buildings 98 concrete balconies. Minor repairs were completed approximately 15 years ago however, many of these repairs have delaminated and fallen off the building.

Halsall Engineers & Consultants were retained by the owners of the building (Minto Developments Inc.) to evaluate the extent to which the balconies were damaged and to recommend an effective method to restore and repair them.

Bassi Construction and Masonry Limited with over 30 years experience in the concrete and masonry restoration business were the successful bidder and were awarded a contract to undertake the work. FA-S10 Concrete was specified as a concrete repair material. From a design standpoint, the hardened properties of FA-S10 Concrete are similar in nature to the parent concrete and therefore provide excellent compatibility with the existing concrete. From the contractors standpoint, the 30kg bags of FA-S10 Concrete can be transported by swing stage and dropped off at each balcony where the Bassi crews can easily mix and place without concern for the delays normally associated with conventional ready mix concrete delivery.

Most repairs on this project involved top side patch work, and front balcony edge repairs but full balcony replacement was required on the 6th and 7th floor, throughout the building.

Extensive testing throughout the project verified that the compressive strength of the FA-S10 consistently met the specified requirements. Bassi Construction crews were extremely pleased with the performance of the material and were able to complete all of the necessary repairs by the fall

of 2007. Results like these have led both Halsall Associates and Bassi Construction to continue to use King FA-S10 and other King products on concrete repair projects throughout eastern Ontario.

