



CASE STUDY

Project

Our Lady of Providence Catholic School - Brantford, Ontario

Installer

Phoenix Flooring Contractors Canada, Inc. - Cambridge, Ontario

Contractor

Abcott Construction, Ltd. - Brantford, Ontario

Architect:

MMMC Architects - Brantford, Ontario

Featured Products

ARDEX K 60™ ARDITEX Rapid Setting Latex Smoothing and Leveling Compound

ARDEX MC™ RAPID One-Coat Moisture Control System For Concrete to Receive ARDEX Underlayments

HENRY® 430 ClearPro™ Clear VCT Floor Adhesive

Challenge

- Tight deadline with penalties for delays

Situation

The substrate in the rooms where kindergarten students would spend their day revealed 98% RH readings. VCT was to be installed, but with high moisture readings, it was sure to fail. There was consideration of polishing the concrete or installing ceramics to solve moisture issue. Time was of the essence.

Solution

Phoenix Flooring Contractors Canada, Inc. suggested that the general contractor use ARDEX MC™ RAPID. MC RAPID is solvent-free, alkali-resistant and provides a tenacious bond to the substrate. It can be used for RH readings up to 100% and provides an ASTM E96 perm rating $\leq .06$. It is ready to prime in just four hours.

Complementing the speed of MC RAPID is ARDEX K 60™ ARDITEX. ARDEX K 60 is walkable in just two to three hours. Moisture insensitive tiles such as ceramic, quarry and porcelain can be installed after six hours. Porous-backed carpet can be installed after 12 hours. Other flooring structures can be installed after 16 to 24 hours.

ARDEX MC™ RAPID was installed in the morning. ARDEX K 60™ ARDITEX was installed the same afternoon. The VCT was installed the following day. Installation complete, moisture remediated, on schedule.

ARDEX Sales Professional Karl Hanley and the ARDEX Technical Service Department expressed appreciation for the outstanding loyalty and support of Phoenix Flooring and Abcott Construction to secure school board approval. The installation qualified for the SystemOne™ installation because HENRY® 430 ClearPro™ was the adhesive chosen for the VCT installation.



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