



CONSTRUCTION OBSERVATION REPORT

Project: The Park Danforth
Client: The Park Danforth
Client's Rep.: Ron Norton

S.W.COLE Project No.: 14-0065.2
Date: 8-2-16
Weather: Seasonal

Work in Progress: Northern Plasterwork: Spray fire resistant material touch up building wide and application of intumescent paint.

Work Performed by S.W.COLE Rep.: Performed additional adhesion/cohesion testing in the basement area as requested.

General Observations and Discussions: We understand the project owner is evaluating the acceptability of the exposed SFRM application in the basement area and as part of the evaluation process, additional data was determined to be beneficial. The following data includes our two initial tests performed shortly after installation, four retests performed on 7/8/16 after the application of a surface sealer and six additional retests finalized on 8/2/16.

Test Location	Failure Type	Force (lbs)	Bond (pcf)	Specification (pcf)	Comments
Deck: E.2 to F by 7 to 7.5	Adhesion	4.5	78	150	Initial testing
Beam: B to C on 4-line	Adhesion	6	95	150	Initial testing
Deck: E to F by 8 to 9	Cohesion	10	174	150	After sealer, 1 st retest
Deck: C to D by 2 to 3	Cohesion	20	347	150	After sealer, 1 st retest
Beam: A.1(+5) from 2 to 3-lines	Adhesion	8.5	148	150	After sealer, 1 st retest
Beam: F to G on 7-line	Adhesion	8	139	150	After sealer, 1 st retest
Beam: G-line from 10 to 11	Adhesion	9	156	150	After sealer, 2 nd retest
Deck: E.2 to F by 7.5 to 8	Adhesion	12	208	150	After sealer, 2 nd retest
Beam: G-line from 7 to 8	Adhesion	5.5	95	150	After sealer, 2 nd retest
Beam: B-line from 4 to 5	Adhesion	5	87	150	After sealer, 2 nd retest
Beam: B-line from 2 to 3	Adhesion	9	156	150	After sealer, 2 nd retest
Beam: C-line from 1.7 to 2.5	Adhesion	20	347	150	After sealer, 2 nd retest

Time Onsite: Various
Attachments: None
Sheet: 1 of 1

S.W.COLE Rep.: K. Gimpel
Rev. by: RED