

CLIENT: Mr. Len Viegner
Duradek
8288-129th Street
Surrey, BC V3W 0A6 Canada

Report Excerpt
with comments

Test Report No: RJ0720F-1

Date: October 14, 2010

SAMPLE ID: The test samples are identified as Duradek Ultra (60 mil) vinyl membrane, D811 Solvent-based Adhesive, and D763 Water-based Adhesive for use in walking deck construction.

SAMPLING DETAIL: The products were sampled by a QAI representative from the Duradek's warehouse located at 8288 129th Street, Surrey, BC, Canada, V3W 0A6 on November 12, 2009. Four rolls of Duradek Ultra 60mil were selected at random by the QAI representative.

DATE OF RECEIPT: The membrane and adhesive samples were received at QAI on August 5, 2010.

TESTING PERIOD: September 9 - September 21, 2010.

AUTHORIZATION: Signed Work Order by Len Viegner dated May 18, 2010 (Reference QAI Canada Quote No. QU-2009-10085).

TEST PROCEDURE: Conduct Intermittent Flame, Spread of Flame, and Burning Brand fire tests on deck assemblies using the submitted samples in accordance with the methods and procedures outlined in **ASTM E108-08, "Standard Test Methods for Fire Tests of Roof Coverings"(E108)**.

FINDINGS: The test deck assemblies as identified and described in this report met the Class A requirements when tested in accordance with **ASTM E108-08, "Standard Test Methods for Fire Tests of Roof Coverings"(E108)**. A complete series was tested with the use of the D811 Solvent-based Adhesive to bond the membrane to the Durock cement board ~~as described in the following pages of the this report.~~ An additional Burning Brand, Intermittent Flame, and Spread of Flame test was performed on samples with the use of the D763 Water-based Adhesive bonding membrane to cement board. See detailed results on pages 2-4. It is our professional judgment that the water-based adhesive can be used as an alternate membrane bonding agent and still retain the Class A requirement of ASTM E108.

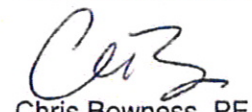
Test details available
on request.

Report Prepared by,



Christopher Clark
Fire Technology Test Technician

Signed for and on behalf of
QAI Laboratories Inc.


Chris Bowness, PE.
General Manager

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